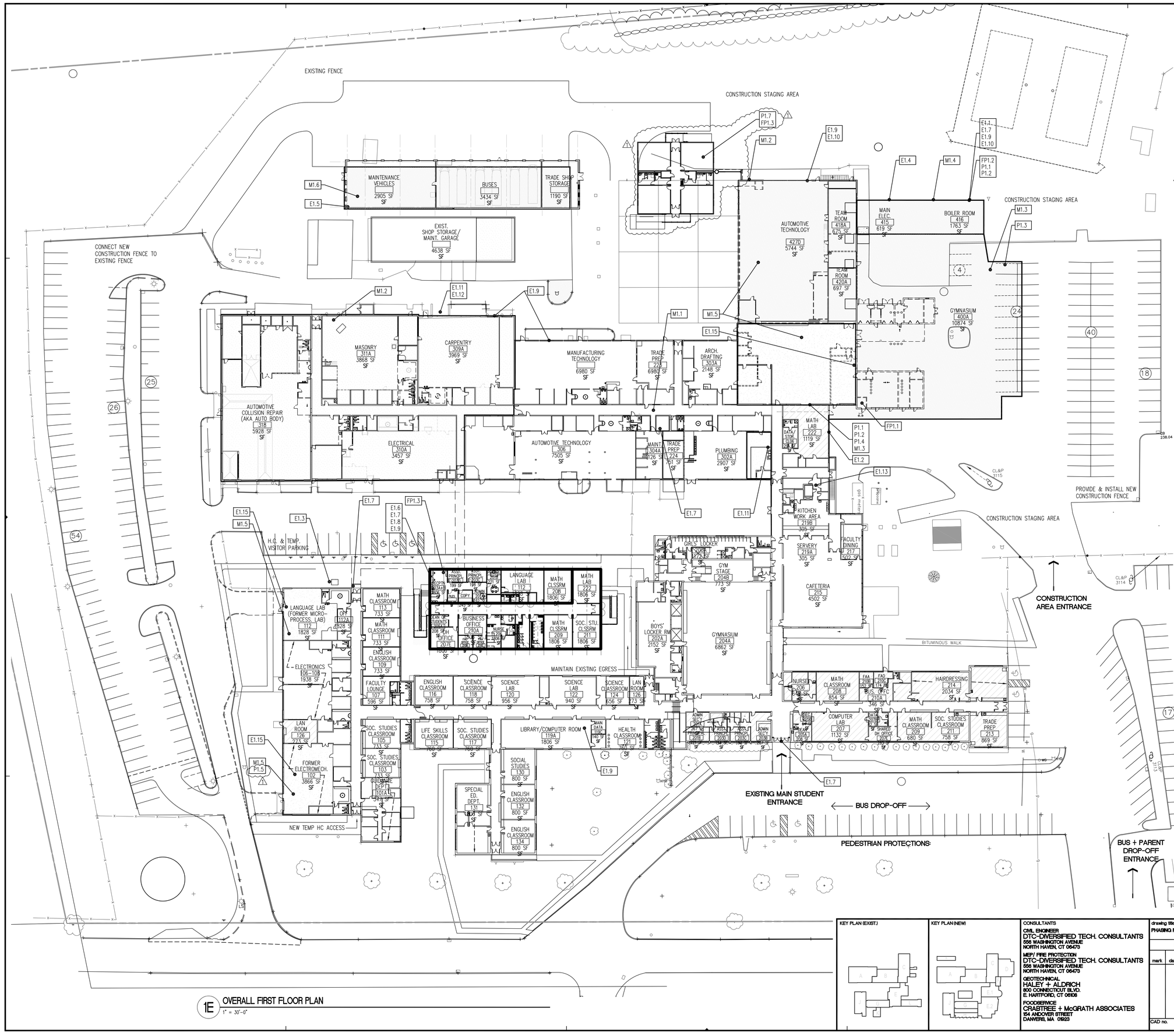

PHASE ONE MEP SCOPE

HVAC:

M1.1 INSTALL HOT WATER PIPING BETWEEN AREA A AND AREA C. SHALL BE LOCATED ABOVE SORAGE/BATHROOMS AT PLUMBING AND AUTOMOTIVE TECHNOLOGY SHOPS AREA B.

M1.2 RENOVATE AREAS A AND C. CONNECT HVAC EQUIPMENT TO NEW HOT WATER PIPE IN AREA C.

M1.3 CONSTRUCT NEW HVAC SYSTEMS AREA D. CAP HOT/CHILLED WATER PIPE FOR FUTURE CONNECTION AREA E1.

M1.4 CONSTRUCT NEW BOILER ROOM AND CHILLED WATER PLANT.

M1.5 PROVIDE NEW TEMPORARY HVAC SYSTEMS FOR AREAS C AND J (SEE DWG. GP11-MEP).

M1.6 PROVIDE NEW HVAC SYSTEMS FOR NEW GARAGE.

PLUMBING:

P1.1 CONSTRUCT NEW DOMESTIC HOT AND COLD WATER SERVICES. CAP FOR FUTURE PHASE 2 TIE-IN'S AT AREAS C AND E.1.

P1.2 CONSTRUCT NEW NATURAL GAS SERVICE FOR BOILER. CAP FOR FUTURE PHASE 2 TIE IN.

P1.3 CONSTRUCT NEW STORM MAIN FOR NEW ADDITION. STORM SYSTEM SHALL BE INDEPENDENT AND FULLY FUNCTIONAL.

P1.4 TEMPORARILY CONNECT GYM ADDITION SANITARY PIPING TO EXISTING SANITARY IN PIPE TUNNEL.

P1.5 CONSTRUCT TEMPORARY HAIRDRESSING SHOP. SEE DWG. GP12.

P1.6 CONSTRUCT TEMPORARY PIPING FOR NEW MODULAR CLASSROOMS. SEE DWG. GP30.

P1.7 CONSTRUCT TEMPORARY PIPING FOR NEW MODULAR CLASSROOMS. SEE DWG. P101C.

FIRE PROTECTION:

FP1.1 REMOVE EXISTING FIRE MAIN AND SERVICE AND SERVICE AT GYM ADDITION AREA C.

FP1.2 CONSTRUCT NEW FIRE SPRINKLER SERVICE AT BOILER ROOM. CAP FOR FUTURE PHASE 2 TIE IN.

FP1.3 PROVIDE NEW WET-PIPE SPRINKLER SERVICE FROM SITE MAIN TO NEW MODULAR CLASSROOMS.

ELECTRICAL:

E1.1 CONSTRUCT MAIN POWER FOR NEW BUILDING SERVICE WITH NEW TRANSFORMER PAD AND SECONDARY SERVICE TO NEW ELECTRICAL ROOM. CONSTRUCT ELECTRICAL ROOM.

E1.2 CONSTRUCT TELCO SERVICE CONDUITS FOR NEW MDF ROOM. TERMINATE OUTSIDE OF BUILDING FOR CONNECTION TO NEW MDF UNDER PHASE 2.

E1.3 CONSTRUCT OUTDOOR TEMPORARY ELECTRICAL DISTRIBUTION SERVICE FROM STREET AND AS INDICATED ON PLANS.

E1.4 CONSTRUCT NEW EMERGENCY GENERATOR SYSTEM.

E1.5 CONSTRUCT POWER, LIGHTING AND FA FOR NEW GARAGE BUILDING.

E1.6 GPS CLOCK SETUP IN MODULAR BUILDING. REPLACE CLOCKS IN EXISTING BUILDING A, B, J, G, AND K.

E1.7 FA SETUP IN NEW BUILDING "D" ELECTRICAL ROOM AND TEMPORARY INTERCONNECTION OF EXISTING FACP. PROVIDE FA CONNECTION OF MODULAR BUILDING TO EXISTING BUILDING LOOP. RELOCATE MASTER BOXES AS DIRECTED BY TOWN FIRE MARSHAL AND RECONNECT TO FACP.

E1.8 CONSTRUCT RACEWAY INFRASTRUCTURE FOR TELECOM IN MODULAR BUILDING, AND CONNECT TO EXISTING SCHOOL SYSTEM.

E1.9 PA SYSTEM SETUP IN MODULAR BUILDING. RECONNECT EXISTING LIBRARY PA SYSTEM WITH NEW PA SYSTEM. EXTEND NEW PA SYSTEM TO NEW/RENOVATE BUILDING C AND D. RECONNECT EXISTING BUILDING "A" AND "B" TO NEW PA SYSTEM.

E1.10 CONSTRUCT NEW POWER, LIGHTING, CLOCK, FA, AND TELECOM RACEWAY INFRASTRUCTURE SYSTEMS FOR NEW RENOVATED BUILDINGS "C" AND "D".

E1.11 LIMITED ELECTRICAL SYSTEMS RENOVATION OF PLUMBING SHOP.

E1.12 LIMITED ELECTRICAL SYSTEMS RENOVATION OF EXISTING BUILDING "A" SHOPS OVER 3 SUMMERS.

E1.13 MAINTAIN EXISTING MAIN MECHANICAL SYSTEM IN BLDG. E.1 REMOVE AT END OF PHASES.

E1.14 CONTRACTOR SHALL REFER TO DRAWINGS ES-201 AND ES-202 FOR ATHELIC FIELD LIGHTING AND DETAILS THIS WORK SHALL BE ADDED IN PHASE ONE. SEE GP01 FOR ADDITIONAL INFORMATION.

E1.15 PROVIDE TEMPORARY ELECTRICAL WORK IN AREA C & J SEE DRAWING GP-13 FOR ADDITIONAL INFORMATION.

- SITE CONSTRUCTION
- NEW CONSTRUCTION/ MAJOR RENOVATION
- ROOM MOVES
- PARTIAL CONSTRUCTION/ TEMP. SPACE FITOUT
- TEMPORARY ROOM PLACEMENT
- CONSTRUCTION FENCE

GENERAL NOTES:

1. SEE FP (FIRE PROTECTION) DRAWINGS FOR ALL WORK RELATING TO THIS PLAN.
2. "MAINTENANCE OF BUILDING SYSTEMS: GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING BUILDING SYSTEMS NECESSARY TO OPERATE THE SCHOOL THROUGHOUT THE DURATION OF THE PROJECT. SYSTEMS INCLUDE BUT ARE NOT LIMITED TO: HEATING, COOLING (WHERE EXISTING), VENTILATING, PLUMBING, ELECTRICAL, FIRE PROTECTION (WHERE EXISTING), FIRE ALARM, PUBLIC ADDRESS, AND CLOCKS"
3. REFER TO GP30 AND GP31 FOR ADDITIONAL WORK IN THIS PHASE.
4. REFER TO GP11, GP12 AND GP13 FOR ADDITIONAL WORK IN THIS PHASE.

1E OVERALL FIRST FLOOR PLAN
1" = 30'-0"

KEY PLAN (EXIST.)

KEY PLAN (NEW)

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drawing title: PHASING PLAN - PHASE ONE

REVISIONS

mark	date	description

CAD no.

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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. 15-RT-641 stem no. 047600

date	12/15/09
scale	AS SHOWN
drawn by	EB
approved by	EM
drawing no.	GP01-MEP

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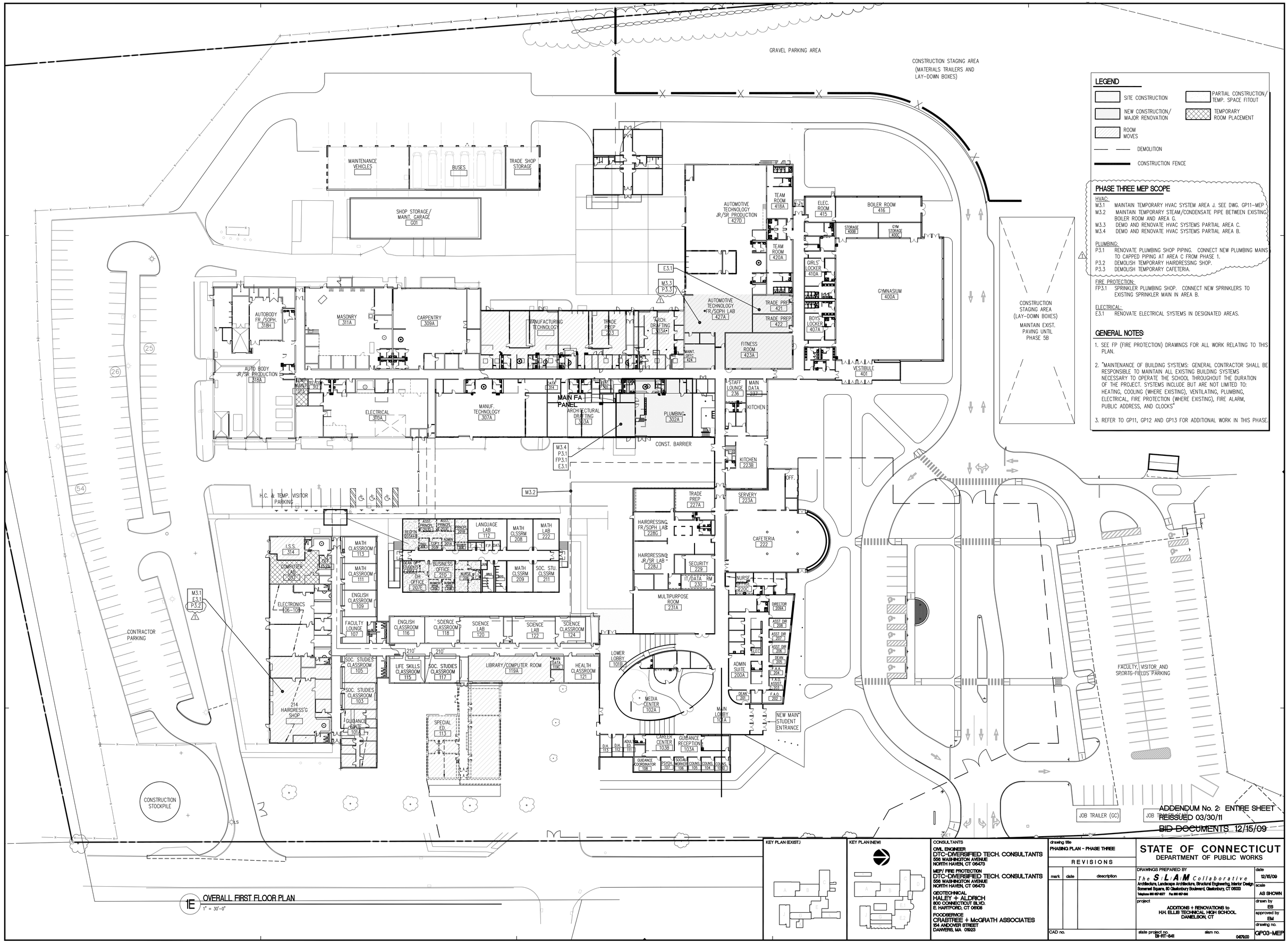

LEGEND

- SITE CONSTRUCTION
- NEW CONSTRUCTION/ MAJOR RENOVATION
- ROOM MOVES
- PARTIAL CONSTRUCTION/ TEMP. SPACE FITOUT
- TEMPORARY ROOM PLACEMENT
- DEMOLITION
- CONSTRUCTION FENCE

PHASE THREE MEP SCOPE

HVAC:

M3.1 MAINTAIN TEMPORARY HVAC SYSTEM AREA J. SEE DWG. GP11–MEP.
M3.2 MAINTAIN TEMPORARY STEAM/CONDENSATE PIPE BETWEEN EXISTING BOILER ROOM AND AREA G.
M3.3 DEMO AND RENOVATE HVAC SYSTEMS PARTIAL AREA C.
M3.4 DEMO AND RENOVATE HVAC SYSTEMS PARTIAL AREA B.

PLUMBING:

P3.1 RENOVATE PLUMBING SHOP PIPING. CONNECT NEW PLUMBING MAINS TO CAPPED PIPING AT AREA C FROM PHASE 1.
P3.2 DEMOLISH TEMPORARY HAIRDRESSING SHOP.
P3.3 DEMOLISH TEMPORARY CAFETERIA.

FIRE PROTECTION:

FP3.1 SPRINKLER PLUMBING SHOP. CONNECT NEW SPRINKLERS TO EXISTING SPRINKLER MAIN IN AREA B.

ELECTRICAL:

E3.1 RENOVATE ELECTRICAL SYSTEMS IN DESIGNATED AREAS.

GENERAL NOTES:

1. SEE FP (FIRE PROTECTION) DRAWINGS FOR ALL WORK RELATING TO THIS PLAN.
2. "MAINTENANCE OF BUILDING SYSTEMS: GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING BUILDING SYSTEMS NECESSARY TO OPERATE THE SCHOOL THROUGHOUT THE DURATION OF THE PROJECT. SYSTEMS INCLUDE BUT ARE NOT LIMITED TO: HEATING, COOLING (WHERE EXISTING), VENTILATING, PLUMBING, ELECTRICAL, FIRE PROTECTION (WHERE EXISTING), FIRE ALARM, PUBLIC ADDRESS, AND CLOCKS"
3. REFER TO GP11, GP12 AND GP13 FOR ADDITIONAL WORK IN THIS PHASE.

1E OVERALL FIRST FLOOR PLAN
1" = 30'-0"

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11

BID DOCUMENTS 12/15/09

KEY PLAN (EXIST.)

KEY PLAN (NEW)

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drawing title: PHASING PLAN - PHASE THREE

REVISIONS

mark	date	description

CAD no.

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DEPARTMENT OF PUBLIC WORKS

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project: ADDITIONS + RENOVATIONS to H.H. ELLIS TECHNICAL HIGH SCHOOL DANIELSON, CT

date	12/15/09
scale	AS SHOWN
drawn by	ES
approved by	EM
drawing no.	GP03-MEP

state project no. 15-117-841 stem no. 040920

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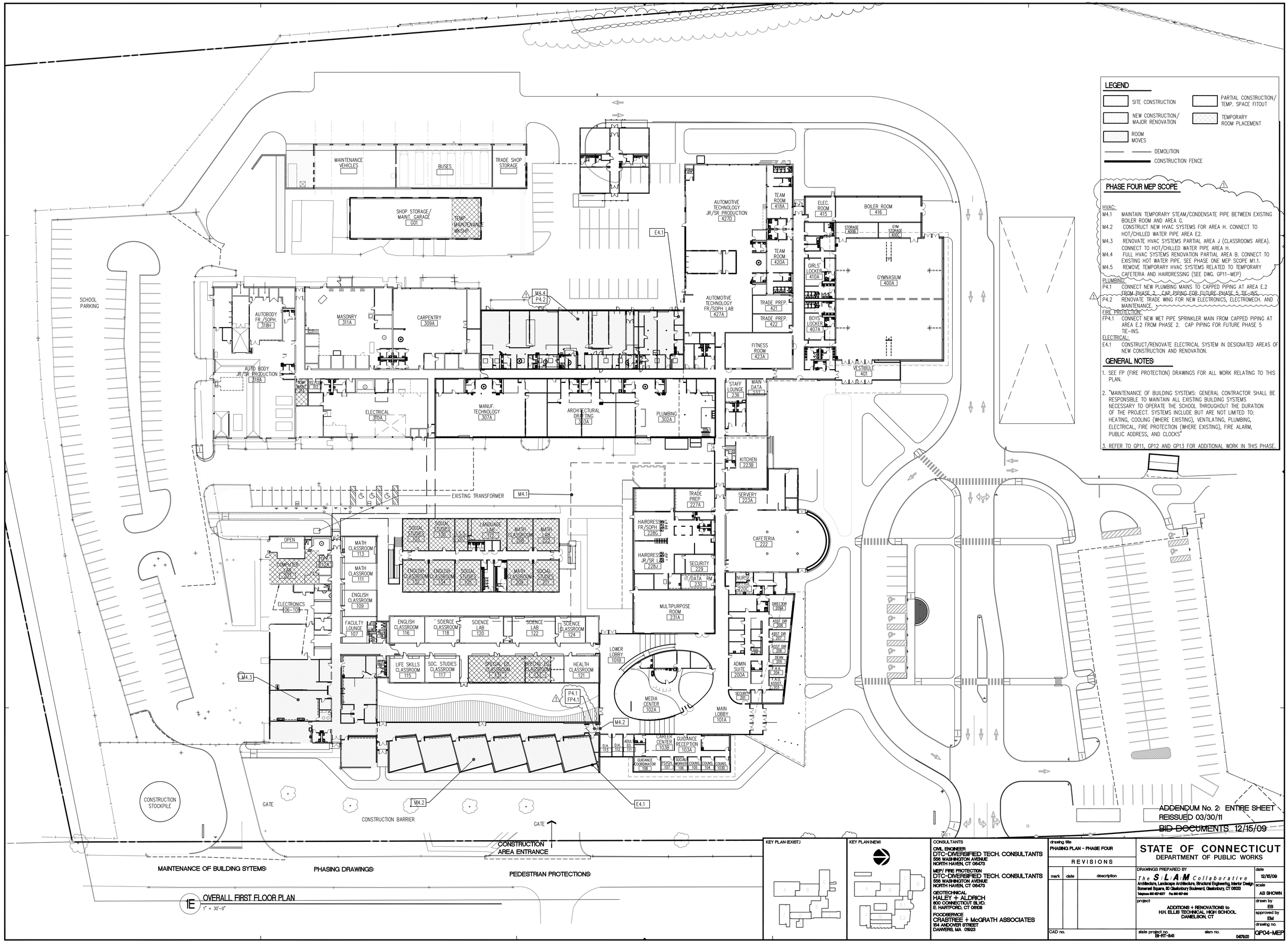

LEGEND

- SITE CONSTRUCTION
- NEW CONSTRUCTION/ MAJOR RENOVATION
- ROOM MOVES
- PARTIAL CONSTRUCTION/ TEMP. SPACE FITOUT
- TEMPORARY ROOM PLACEMENT
- DEMOLITION
- CONSTRUCTION FENCE

PHASE FOUR MEP SCOPE

HVAC:

M4.1 MAINTAIN TEMPORARY STEAM/CONDENSATE PIPE BETWEEN EXISTING BOILER ROOM AND AREA G.

M4.2 CONSTRUCT NEW HVAC SYSTEMS FOR AREA H. CONNECT TO HOT/CHILLED WATER PIPE AREA E2.

M4.3 RENOVATE HVAC SYSTEMS PARTIAL AREA J (CLASSROOMS AREA). CONNECT TO HOT/CHILLED WATER PIPE AREA H.

M4.4 FULL HVAC SYSTEMS RENOVATION PARTIAL AREA B. CONNECT TO EXISTING HOT WATER PIPE, SEE PHASE ONE MEP SCOPE M1.1.

M4.5 REMOVE TEMPORARY HVAC SYSTEMS RELATED TO TEMPORARY CAFETERIA AND HAIRDRESSING (SEE DWG. GP11-MEP)

PLUMBING:

P4.1 CONNECT NEW PLUMBING MAINS TO CAPPED PIPING AT AREA E.2 FROM PHASE 2. CAP PIPING FOR FUTURE PHASE 5 TIE-INS.

P4.2 RENOVATE TRADE WING FOR NEW ELECTRONICS, ELECTROMECH. AND MAINTENANCE.

FIRE PROTECTION:

FP4.1 CONNECT NEW WET PIPE SPRINKLER MAIN FROM CAPPED PIPING AT AREA E.2 FROM PHASE 2. CAP PIPING FOR FUTURE PHASE 5 TIE-INS.

ELECTRICAL:

E4.1 CONSTRUCT/RENOVATE ELECTRICAL SYSTEM IN DESIGNATED AREAS OF NEW CONSTRUCTION AND RENOVATION.

GENERAL NOTES:

1. SEE FP (FIRE PROTECTION) DRAWINGS FOR ALL WORK RELATING TO THIS PLAN.
2. "MAINTENANCE OF BUILDING SYSTEMS: GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING BUILDING SYSTEMS NECESSARY TO OPERATE THE SCHOOL THROUGHOUT THE DURATION OF THE PROJECT. SYSTEMS INCLUDE BUT ARE NOT LIMITED TO: HEATING, COOLING (WHERE EXISTING), VENTILATING, PLUMBING, ELECTRICAL, FIRE PROTECTION (WHERE EXISTING), FIRE ALARM, PUBLIC ADDRESS, AND CLOCKS"
3. REFER TO GP11, GP12 AND GP13 FOR ADDITIONAL WORK IN THIS PHASE.

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11

~~BID DOCUMENTS 12/15/09~~

KEY PLAN (EXIST.)

KEY PLAN (NEW)

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drawing title: PHASING PLAN - PHASE FOUR

REVISIONS

mark	date	description

CAD no.

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DEPARTMENT OF PUBLIC WORKS

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state project no. 15-HT-841 | item no. 040920

date	12/15/09
scale	AS SHOWN
drawn by	BS
approved by	EM
drawing no.	GP04-MEP

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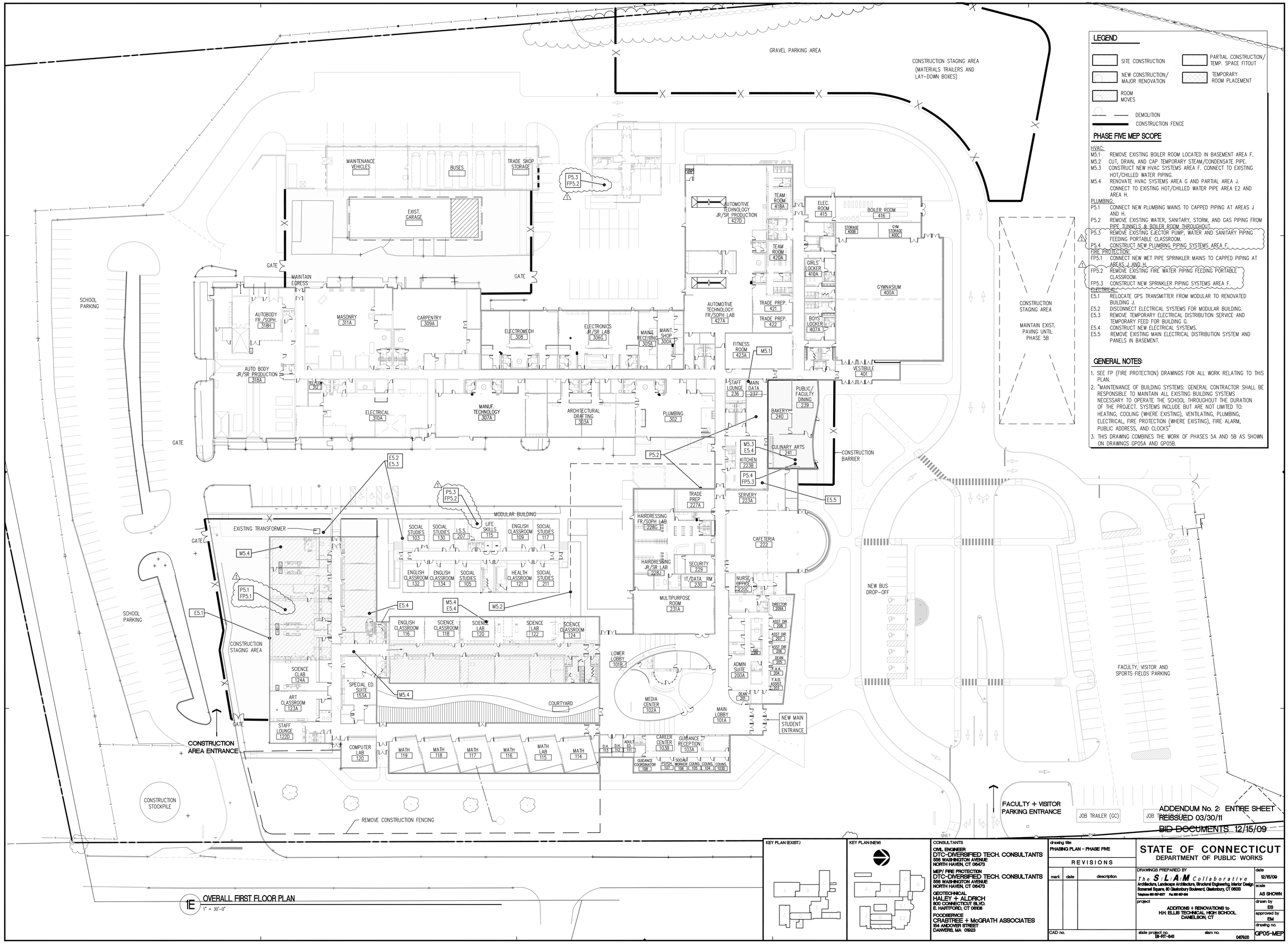

LEGEND

- SITE CONSTRUCTION
- PARTIAL CONSTRUCTION/ TEMP. SPACE FITOUT
- NEW CONSTRUCTION/ MAJOR RENOVATION
- TEMPORARY ROOM PLACEMENT
- ROOM MOVES
- DEMOLITION
- CONSTRUCTION FENCE

PHASE FIVE MEP SCOPE

HVAC:

M5.1 REMOVE EXISTING BOILER ROOM LOCATED IN BASEMENT AREA F.

M5.2 CUT, DRAIN, AND CAP TEMPORARY STEAM/CONDENSATE PIPE.

M5.3 CONSTRUCT NEW HVAC SYSTEMS AREA F. CONNECT TO EXISTING HOT/CHILLED WATER PIPING.

M5.4 RENOVATE HVAC SYSTEMS AREA G AND PARTIAL AREA J. CONNECT TO EXISTING HOT/CHILLED WATER PIPE AREA E2 AND AREA H.

PLUMBING:

P5.1 CONNECT NEW PLUMBING MAINS TO CAPPED PIPING AT AREAS J AND H.

P5.2 REMOVE EXISTING WATER, SANITARY, STORM, AND GAS PIPING FROM PIPE TUNNELS & BOILER ROOM THROUGHOUT.

P5.3 REMOVE EXISTING EJECTOR PUMP, WATER AND SANITARY PIPING FEEDING PORTABLE CLASSROOM.

P5.4 CONSTRUCT NEW PLUMBING PIPING SYSTEMS AREA F.

FIRE PROTECTION:

FP5.1 CONNECT NEW WET PIPE SPRINKLER MAINS TO CAPPED PIPING AT AREAS J AND H.

FP5.2 REMOVE EXISTING FIRE WATER PIPING FEEDING PORTABLE CLASSROOM.

FP5.3 CONSTRUCT NEW SPRINKLER PIPING SYSTEMS AREA F.

ELECTRICAL:

E5.1 RELOCATE GPS TRANSMITTER FROM MODULAR TO RENOVATED BUILDING J.

E5.2 DISCONNECT ELECTRICAL SYSTEMS FOR MODULAR BUILDING.

E5.3 REMOVE TEMPORARY ELECTRICAL DISTRIBUTION SERVICE AND TEMPORARY FEED FOR BUILDING G.

E5.4 CONSTRUCT NEW ELECTRICAL SYSTEMS.

E5.5 REMOVE EXISTING MAIN ELECTRICAL DISTRIBUTION SYSTEM AND PANELS IN BASEMENT.

GENERAL NOTES:

1. SEE FP (FIRE PROTECTION) DRAWINGS FOR ALL WORK RELATING TO THIS PLAN.
2. "MAINTENANCE OF BUILDING SYSTEMS: GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL EXISTING BUILDING SYSTEMS NECESSARY TO OPERATE THE SCHOOL THROUGHOUT THE DURATION OF THE PROJECT. SYSTEMS INCLUDE BUT ARE NOT LIMITED TO: HEATING, COOLING (WHERE EXISTING), VENTILATING, PLUMBING, ELECTRICAL, FIRE PROTECTION (WHERE EXISTING), FIRE ALARM, PUBLIC ADDRESS, AND CLOCKS"
3. THIS DRAWING COMBINES THE WORK OF PHASES 5A AND 5B AS SHOWN ON DRAWINGS GP05A AND GP05B.

1E OVERALL FIRST FLOOR PLAN
1" = 30'-0"

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11
~~BID DOCUMENTS 12/15/09~~

KEY PLAN (EXIST.)

KEY PLAN (NEW)

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drawing title: PHASING PLAN - PHASE FIVE

REVISIONS

mark	date	description

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CAD no.

state project no. 5H-RT-841

stam no. 040800

date: 12/15/09
scale: AS SHOWN
drawn by: ES
approved by: EM
drawing no.: GP05-MEP

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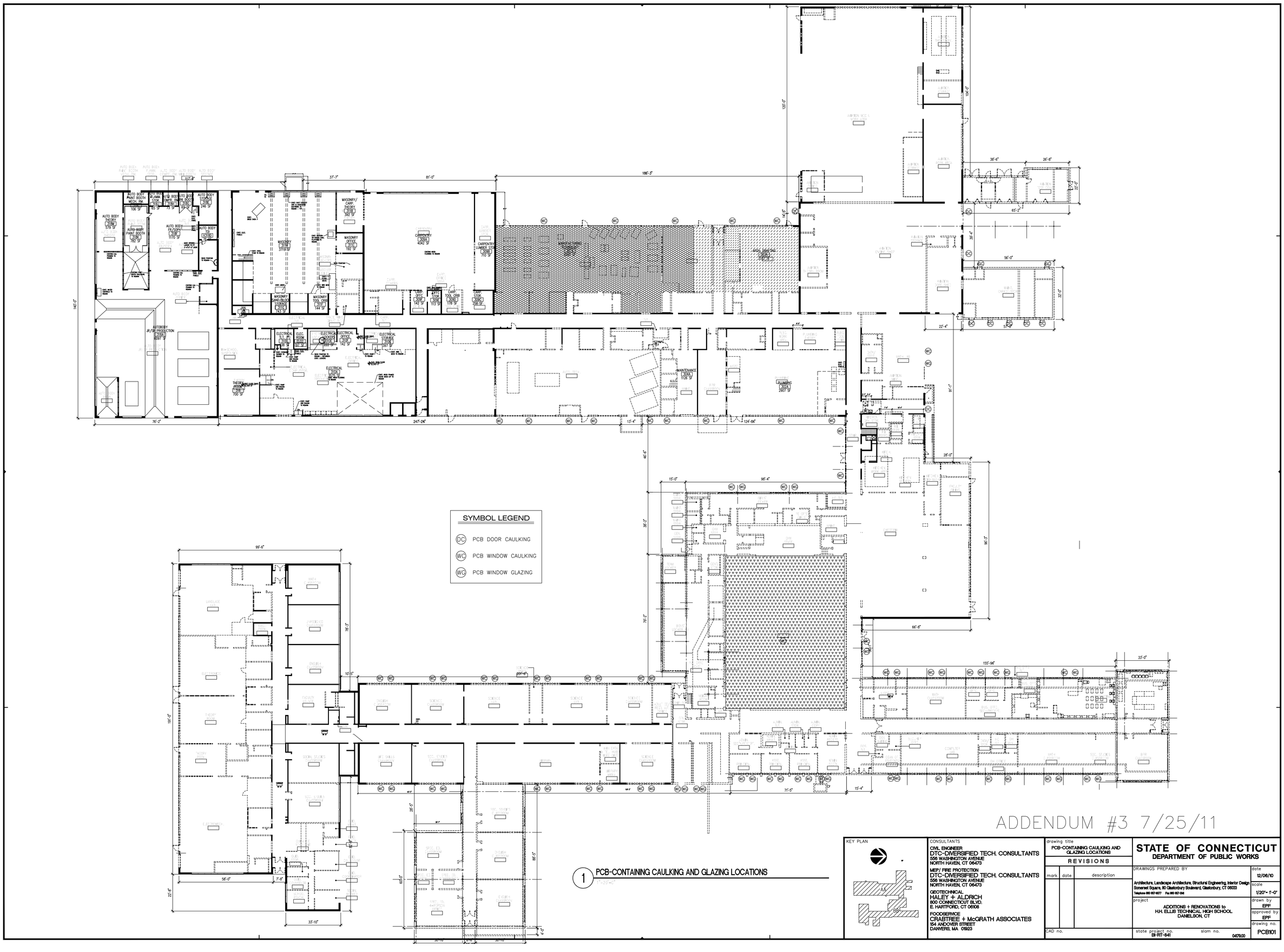

1 PCB-CONTAINING CAULKING AND GLAZING LOCATIONS

ADDENDUM #3 7/25/11

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KEY PLAN

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drawing title
PCB-CONTAINING CAULKING AND GLAZING LOCATIONS

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
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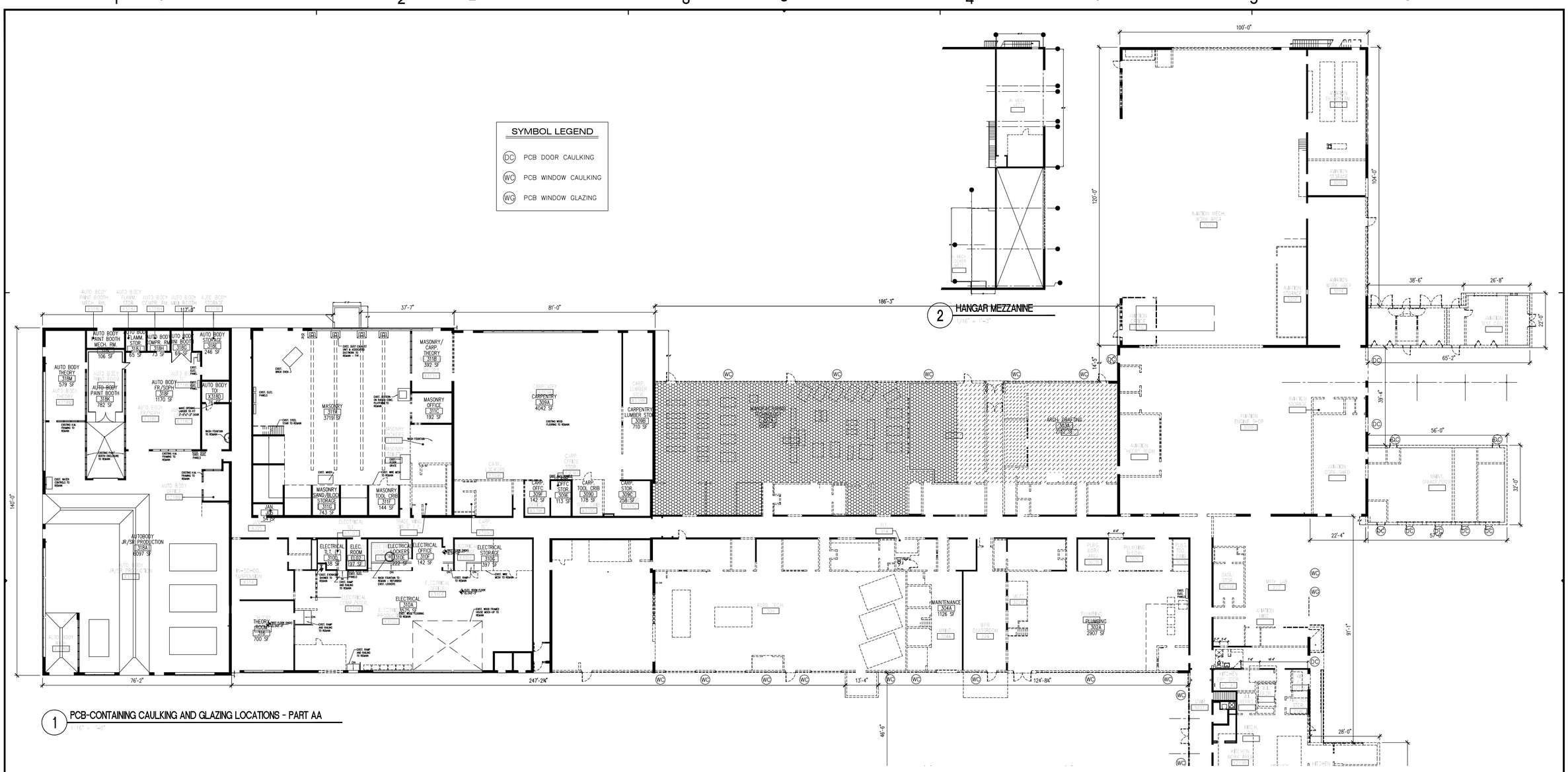
project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
stam no. 047900

date	12/06/10
scale	1/20"= 1'-0"
drawn by	EPF
approved by	EPF
drawing no.	PCB101



PCB REMOVAL NOTES

1. COORDINATE ALL PCB REMOVAL ACTIVITIES WITH ASBESTOS REMOVAL, DEMOLITION, AND RENOVATION PHASING AND SEQUENCING. COORDINATE THE LOCATION OF DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION PRIOR TO PCB REMOVAL ACTIVITIES.

2. NO PCB REMOVAL ACTIVITIES ARE PERMITTED DURING REGULAR SCHOOL HOURS.

3. REMOVE ALL PCB IDENTIFIED IN THE BUILDING.

4. REMOVAL OF WINDOWS CONTAINING PCB GLAZING OR CAULKING SHALL BE FROM THE BUILDING EXTERIOR.

5. FOLLOWING REMOVAL OF PCB-CONTAINING CAULK/GLAZING, SURFACES WILL BE CLEANED BY HEPA VACUUMING, WET BRUSHING (USING NYLON BRUSH), WET WIPING AND SPONGING, OR CLEANING BY AN EQUIVALENT METHOD TO REMOVE ALL VISIBLE MATERIAL (WIRE BRUSHES ARE NOT PERMITTED).

6. POST ABATEMENT WIPE SAMPLING ("CLEANLINESS VERIFICATION PROCEDURE") SHALL BE PERFORMED AT EACH ABATEMENT AREA. WIPE SAMPLES SHALL BE COLLECTED FROM HORIZONTAL SURFACES WHERE DUST GENERATED MIGHT ACCUMULATE AFTER AREA IS CLEANED. THE CONTAINMENT AREA SHALL BE CONSIDERED TO BE SUFFICIENTLY DECONTAMINATED IN ALL WIPE SAMPLES COLLECTED ARE LESS THAN 1 ug/100 CM^2 FOR RENOVATION AREAS AND 10 ug/100 CM^2 FOR DEMOLITION AREAS.

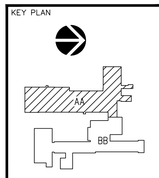
7. ESTABLISH ENGINEERING CONTROLS PRIOR TO ANY REMOVAL, DEMOLITION OR ABATEMENT ACTIVITIES THAT MAY DISTURB PCB.

8. ALL DEBRIS AND WASTE MATERIALS GENERATED BY PCB REMOVAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE REGULATIONS.

9. BUILDING SUBSTRATE SAMPLES WERE COLLECTED IN ACCORDANCE WITH DPW DOCUMENT "PCB ABATEMENT ACTION ITEMS FOR EXCLUDED PCB PRODUCTS" WITH SUBSTRATE SAMPLE RESULTS <1 PPM, AND THEREFORE CONSIDERED "UNRESTRICTED" AND MAY BE HANDLED AS CONSTRUCTION MATERIAL

ADDENDUM #3 7/25/11

KEY PLAN



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drawing title: PCB-CONTAINING CAULKING AND GLAZING LOCATIONS-PART AA

REVISIONS

mark	date	description

CAD no.

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state project no. 81-RT-841 | stam no. 047900

date	12/06/10
scale	1/16"= 1'-0"
drawn by	EPF
approved by	EPF
drawing no.	PCB101AA

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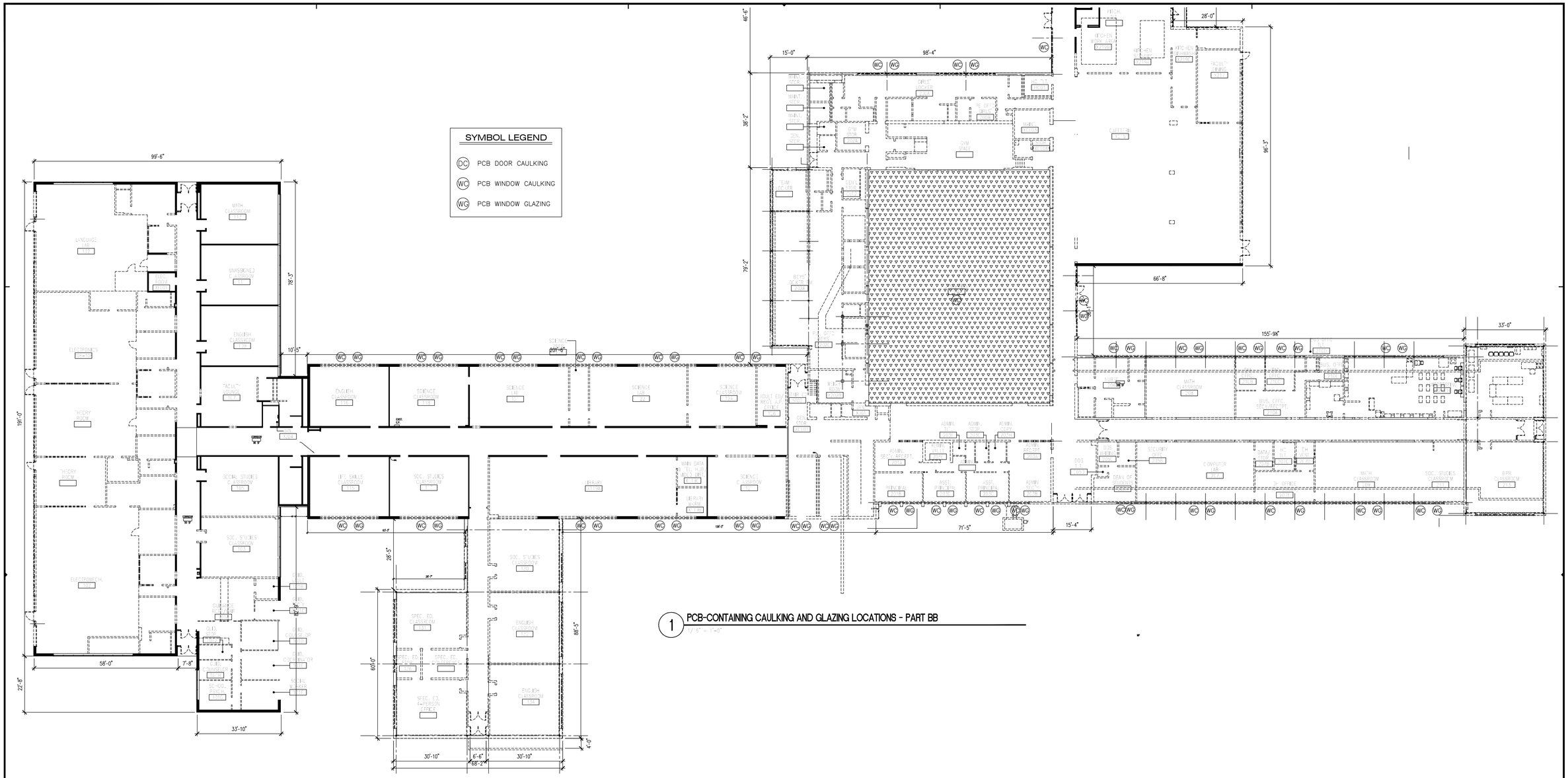


1 PCB-CONTAINING CAULKING AND GLAZING LOCATIONS - PART BB
1/16" = 1'-0"

PCB REMOVAL NOTES

1. COORDINATE ALL PCB REMOVAL ACTIVITIES WITH ASBESTOS REMOVAL, DEMOLITION, AND RENOVATION PHASING AND SEQUENCING. COORDINATE THE LOCATION OF DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION PRIOR TO PCB REMOVAL ACTIVITIES.

2. NO PCB REMOVAL ACTIVITIES ARE PERMITTED DURING REGULAR SCHOOL HOURS.

3. REMOVE ALL PCB IDENTIFIED IN THE BUILDING.

4. REMOVAL OF WINDOWS CONTAINING PCB GLAZING OR CAULKING SHALL BE FROM THE BUILDING EXTERIOR.

5. FOLLOWING REMOVAL OF PCB-CONTAINING CAULK/GLAZING, SURFACES WILL BE CLEANED BY HEPA VACUUMING, WET BRUSHING (USING NYLON BRUSH), WET WIPING AND SPONGING, OR CLEANING BY AN EQUIVALENT METHOD TO REMOVE ALL VISIBLE MATERIAL (WIRE BRUSHES ARE NOT PERMITTED).

6. POST ABATEMENT WIPE SAMPLING ("CLEANLINESS VERIFICATION PROCEDURE") SHALL BE PERFORMED AT EACH ABATEMENT AREA. WIPE SAMPLES SHALL BE COLLECTED FROM HORIZONTAL SURFACES WHERE DUST GENERATED MIGHT ACCUMULATE AFTER AREA IS CLEANED. THE CONTAINMENT AREA SHALL BE CONSIDERED TO BE SUFFICIENTLY DECONTAMINATED IN ALL WIPE SAMPLES COLLECTED ARE LESS THAN 1 ug/100 CM^2 FOR RENOVATION AREAS AND 10 ug/100 CM^2 FOR DEMOLITION AREAS.

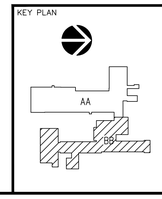
7. ESTABLISH ENGINEERING CONTROLS PRIOR TO ANY REMOVAL, DEMOLITION OR ABATEMENT ACTIVITIES THAT MAY DISTURB PCB.

8. ALL DEBRIS AND WASTE MATERIALS GENERATED BY PCB REMOVAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY IN ACCORDANCE WITH APPLICABLE REGULATIONS.

9. BUILDING SUBSTRATE SAMPLES WERE COLLECTED IN ACCORDANCE WITH DPW DOCUMENT "PCB ABATEMENT ACTION ITEMS FOR EXCLUDED PCB PRODUCTS" WITH SUBSTRATE SAMPLE RESULTS <1 PPM, AND THEREFORE CONSIDERED "UNRESTRICTED" AND MAY BE HANDLED AS CONSTRUCTION MATERIAL

ADDENDUM #3 7/25/11

KEY PLAN



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drawing title
PCB-CONTAINING CAULKING AND GLAZING LOCATIONS-PART BB

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
slam no. 0479.00

date 12/06/10
scale 1/16" = 1'-0"
drawn by EPF
approved by EPF
drawing no. PCB101BB

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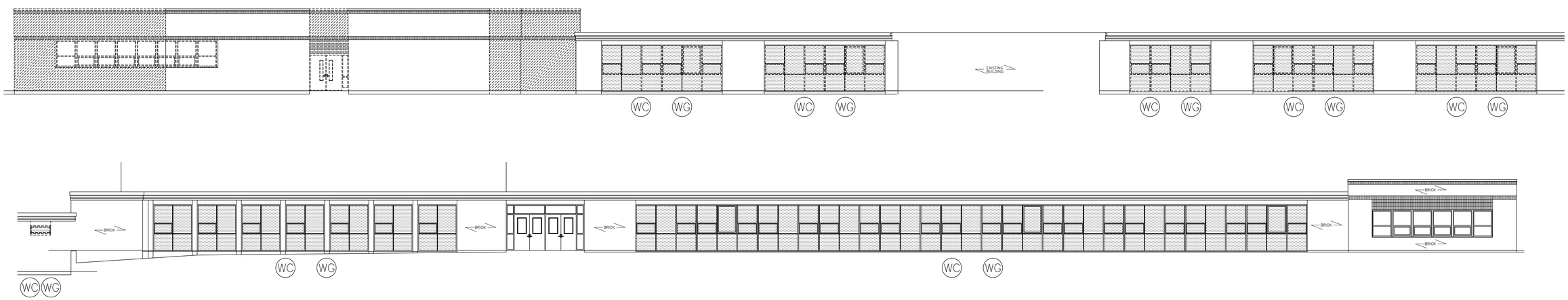
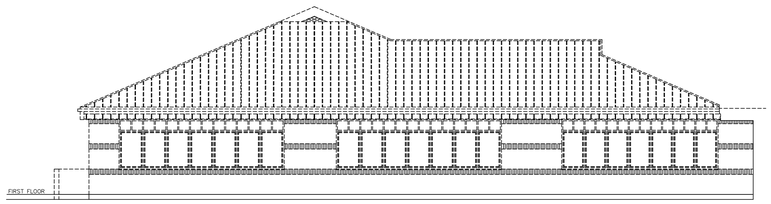
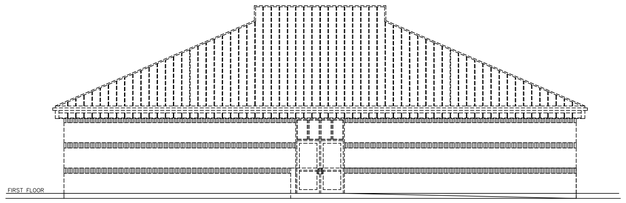


1 EAST ELEVATION
1/8" = 1'-0"



2 NORTH ELEVATION 1995 ADDITION
1/8" = 1'-0"



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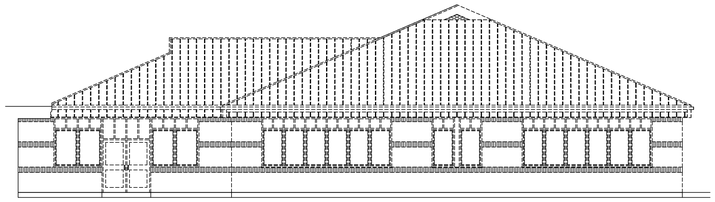
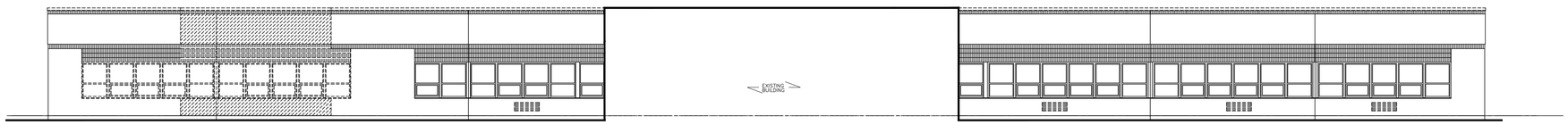
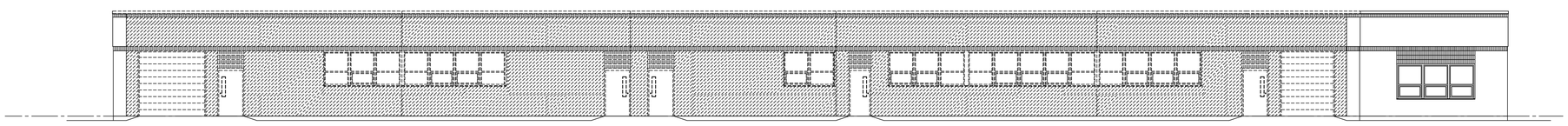
1/8" = 1'-0"



4 SOUTH ELEVATION 1995 ADDITION
1/8" = 1'-0"



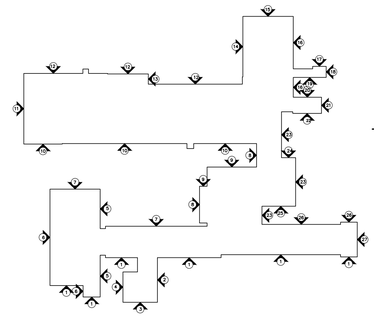
5 NORTH ELEVATION 1985 ADDITION
1/8" = 1'-0"



6 SOUTH ELEVATION 1985 ADDITION
1/8" = 1'-0"

SYMBOL LEGEND

- PCB DOOR CAULKING
- PCB WINDOW CAULKING
- PCB WINDOW CAULKING AND GLAZING
- DC PCB DOOR CAULKING
- WC PCB WINDOW CAULKING
- WG PCB WINDOW GLAZING



ADDENDUM #3 7/25/11

KEY PLAN

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drawing title
PCB-CONTAINING CAULKING AND GLAZING ELEVATIONS

REVISIONS

mark	date	description

CAD no.

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DANIELSON, CT

state project no. BI-RT-841
slam no. 047E00

date 12/06/10
scale
drawn by
approved by
drawing no. PCB301

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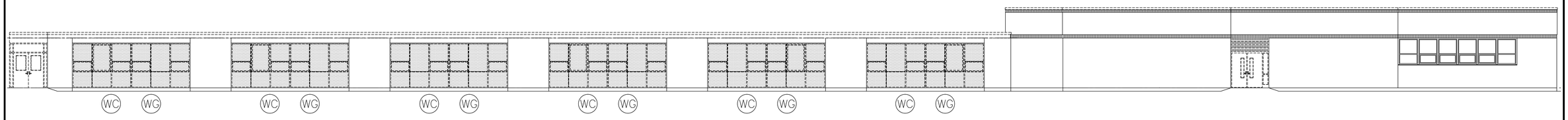
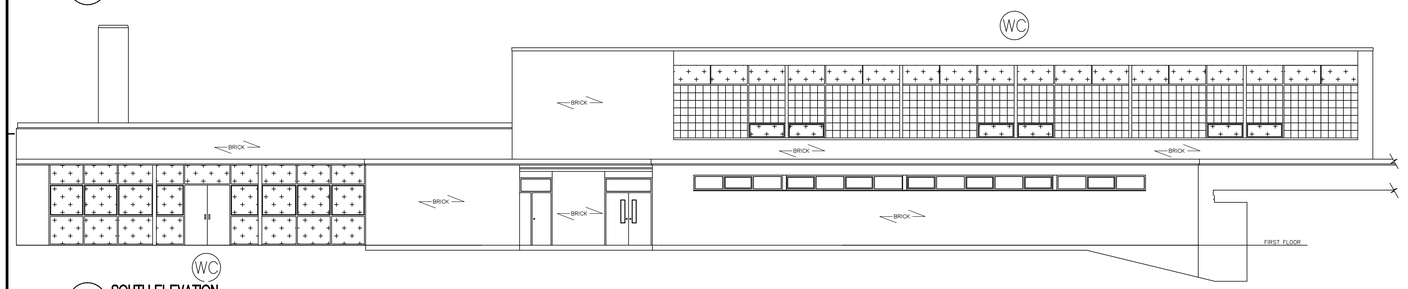
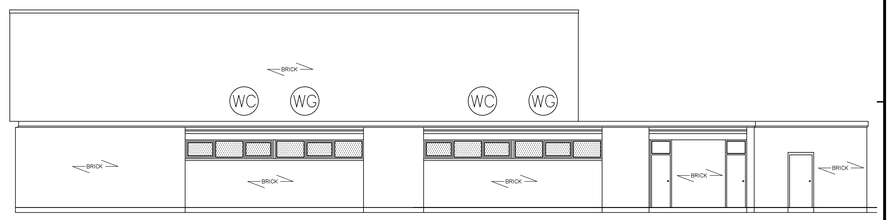


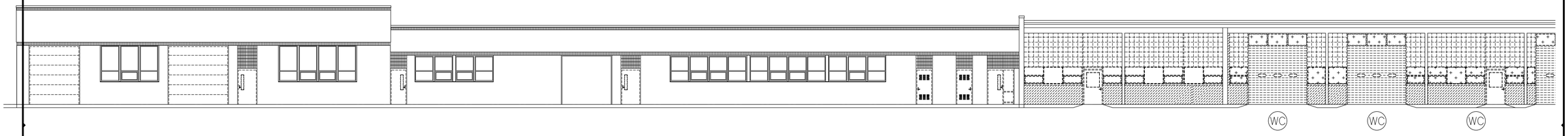
7 WEST ELEVATION
1/8" = 1'-0"

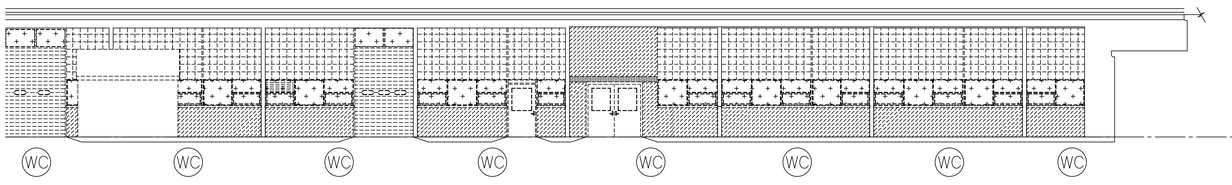


8 SOUTH ELEVATION
1/8" = 1'-0"

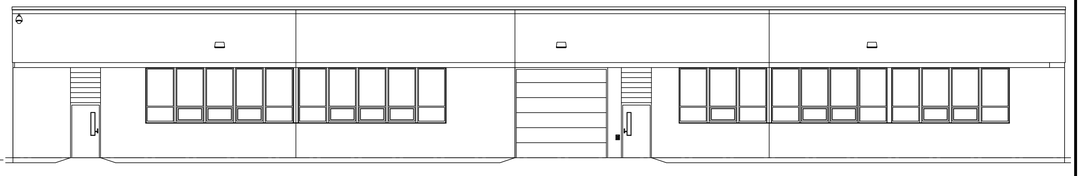


9 WEST ELEVATION
1/8" = 1'-0"

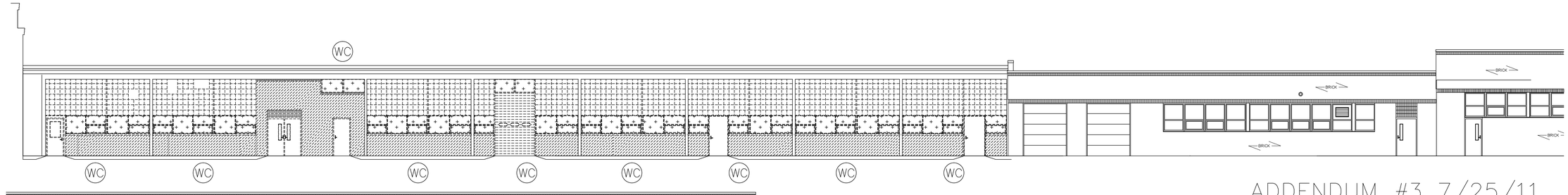


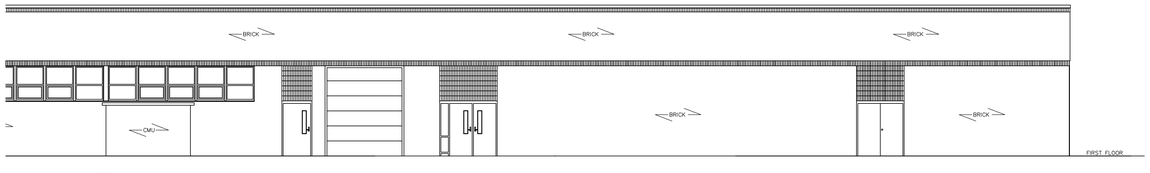


10 EAST ELEVATION
1/8" = 1'-0"



11 SOUTH ELEVATION 1985 ADDITION
1/8" = 1'-0"





12 WEST ELEVATION
1/8" = 1'-0"

ADDENDUM #3 7/25/11

KEY PLAN

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drawing title
PCB-CONTAINING CAULKING AND GLAZING ELEVATIONS

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
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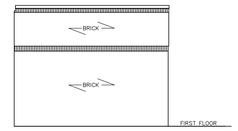
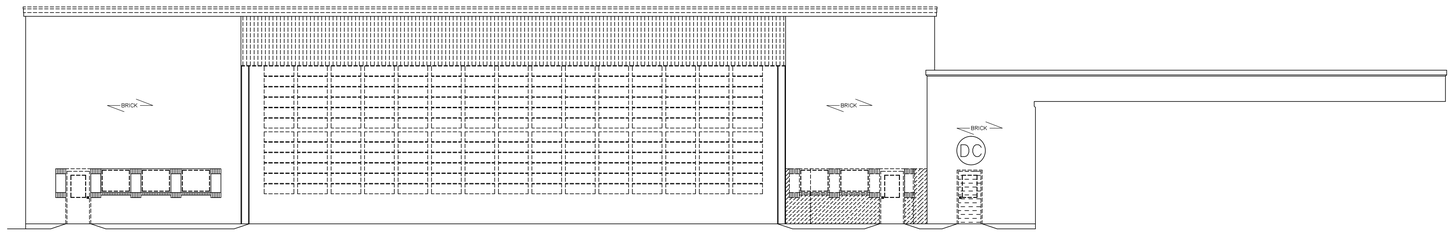
project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. 91-RT-841
siam no. 0479.00

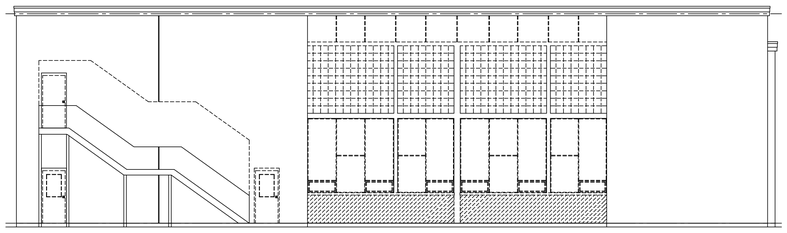
date	12/06/10
scale	
drawn by	
approved by	
drawing no.	PCB302



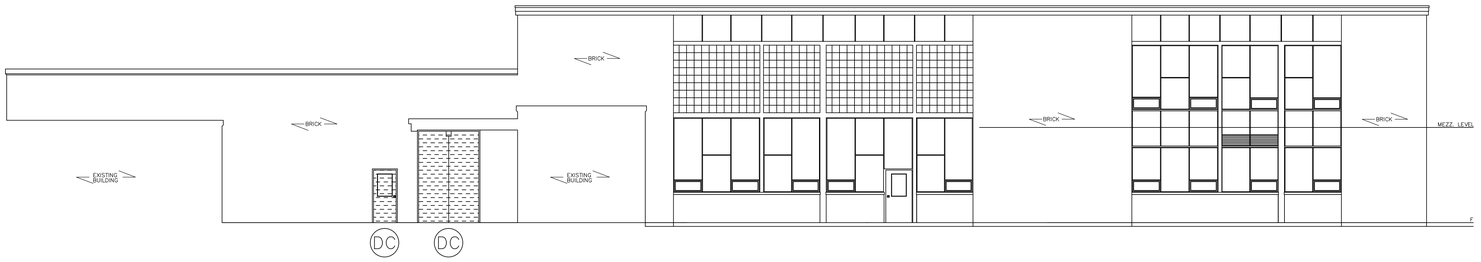
13 NORTH ELEVATION ADDITION
1/8" = 1'-0"



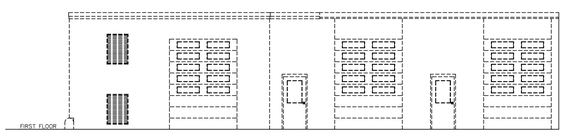
14 SOUTH ELEVATION
1/8" = 1'-0"



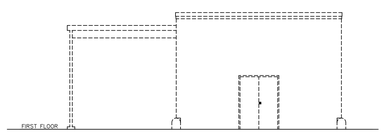
15 WEST ELEVATION
1/8" = 1'-0"



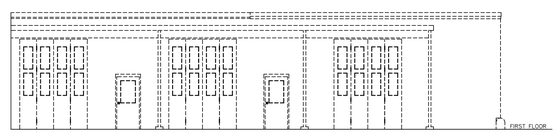
16 NORTH ELEVATION
1/8" = 1'-0"



17 WEST ELEVATION
1/8" = 1'-0"

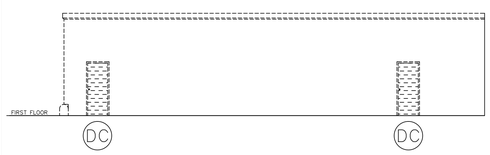


18 NORTH ELEVATION
1/8" = 1'-0"

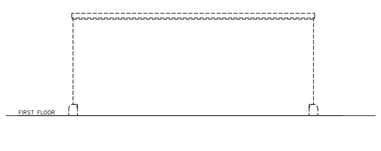


19 EAST ELEVATION
1/8" = 1'-0"

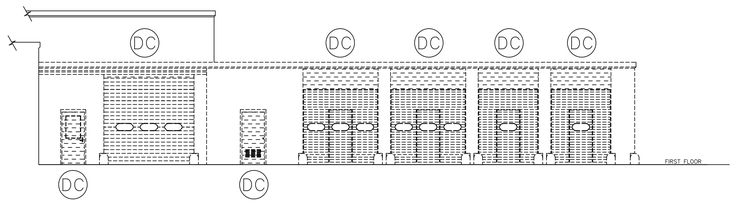
SYMBOL LEGEND	
	PCB DOOR CAULKING
+ + +	PCB WINDOW CAULKING
	PCB WINDOW CAULKING AND GLAZING
DC	PCB DOOR CAULKING
WC	PCB WINDOW CAULKING
WG	PCB WINDOW GLAZING



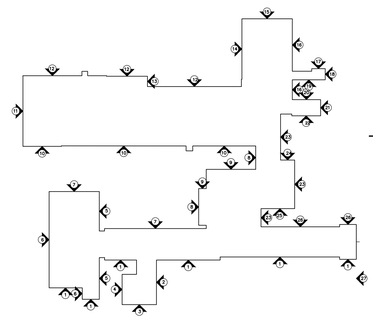
20 WEST ELEVATION
1/8" = 1'-0"



21 NORTH ELEVATION
1/8" = 1'-0"



22 EAST ELEVATION
1/8" = 1'-0"



ADDENDUM #3 7/25/11

KEY PLAN

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drawing title
PCB-CONTAINING CAULKING AND GLAZING ELEVATIONS

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
slam no. 047E00

date 12/06/10
scale
drawn by
approved by
drawing no. PCB303

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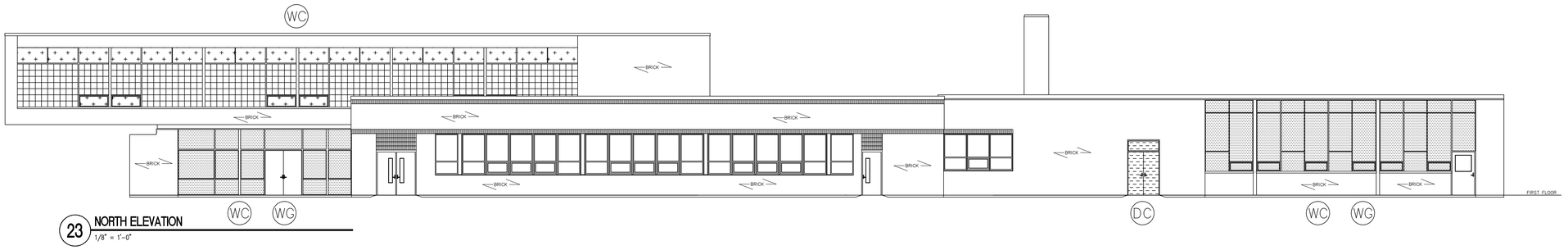
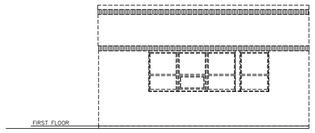
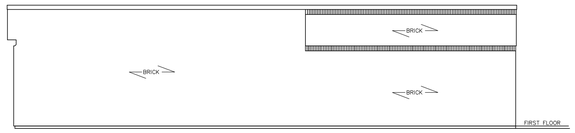


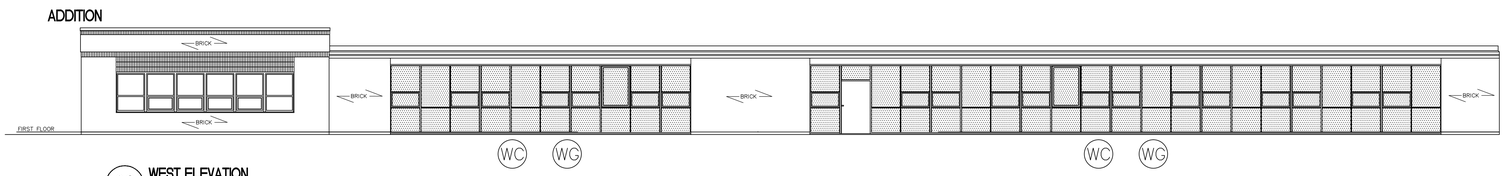
23 NORTH ELEVATION
1/8" = 1'-0"



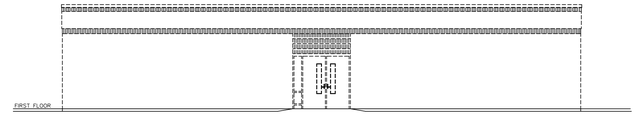
24 WEST ELEVATION ADDITION
1/8" = 1'-0"



25 EAST ELEVATION
1/8" = 1'-0"



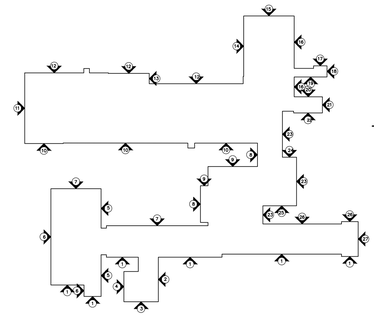
26 WEST ELEVATION
1/8" = 1'-0"



27 NORTH ELEVATION 1985 ADDITION
1/8" = 1'-0"

SYMBOL LEGEND

- PCB DOOR CAULKING
- PCB WINDOW CAULKING
- PCB WINDOW CAULKING AND GLAZING
- (DC) PCB DOOR CAULKING
- (WC) PCB WINDOW CAULKING
- (WG) PCB WINDOW GLAZING



ADDENDUM #3 7/25/11

KEY PLAN

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DANVERS, MA 01923

drawing title
PCB-CONTAINING CAULKING AND GLAZING ELEVATIONS

REVISIONS

mark	date	description

CAD no.

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DEPARTMENT OF PUBLIC WORKS

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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. 09-HT-041
slam no. 047900

date 12/06/10
scale
drawn by
approved by
drawing no. PCB304

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GENERAL NOTES:

1) INTERRUPTION OF UTILITY SERVICES SHALL ONLY BE PERMITTED IF PROPERLY SCHEDULED WITH THE OWNER.

2) ANY AND ALL EXISTING FOOTING DRAINS ENCOUNTERED DURING DEMOLITION ACTIVITIES SHALL BE PRESERVED AND PROTECTED AND REROUTED TO THE STORM SEWER SYSTEM AS REQUIRED.

3) SHOULD ANY UNIDENTIFIED UTILITIES BE ENCOUNTERED DURING DEMOLITION ACTIVITIES, THE DEMOLITION CONTRACTOR SHALL IMMEDIATELY CEASE WORK IN THE AREA AND CONTACT THE OWNER AND THE ENGINEER OF RECORD FOR DIRECTION AS TO HOW TO PROCEED.

4) THE CONTRACTOR SHALL PERFORM TEST PITS TO VERIFY THE LOCATION AND ROUTING OF UTILITIES AND SEWERS DEPICTED ON THE PLANS PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY AND ALL ADDITIONAL WORK REQUIRED FOR THE INSTALLATION OF PROPOSED UTILITIES, SEWERS AND STORM DRAINS AT CROSSINGS OF EXISTING UTILITIES WHERE CONFLICTS MAY OCCUR.

5) ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH 4 FOOT DEEP SUMPS UNLESS OTHERWISE NOTED.

6) THE CONTRACTOR SHALL INSPECT ALL EXISTING SANITARY LINES ON SITE AND CLEAN, REPAIR OR REPLACE THEM AS NECESSARY.

7) ALL PROPOSED FIRE HYDRANTS SHALL BE PROVIDED AND INSTALLED WITH STEAMER CONNECTIONS PER THE TOWN OF KILLINGLY FIRE MARSHAL'S STANDARDS AND SPECIFICATIONS. ANY AND ALL EXISTING HYDRANTS WITHOUT STEAMER CONNECTIONS SHALL BE REMOVED AND REPLACED.

8) ALL PROPOSED/REPLACED/RELOCATED FIRE HYDRANTS TO BE LOCATED 5' FROM EDGE OF ROADWAYS AND 2' FROM EDGE OF SIDEWALKS.

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ADDENDUM No. 2: ENTIRE SHEET
REISSUED 03/30/11
BID DOCUMENTS 12/15/09

KEY PLAN

CONSULTANTS

CIVIL ENGINEER
DTC-DIVERSIFIED TECH. CONSULTANTS
556 WASHINGTON AVENUE
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drawing title: SITE DRAINAGE AND UTILITIES PLAN

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

DRAWINGS PREPARED BY
The S/L/A/M Collaborative
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project: ADDITIONS + RENOVATIONS to H.H. ELLIS TECHNICAL HIGH SCHOOL DANIELSON, CT

state project no. BI-RT-841
slam no. 04179.00

date	12/15/09
scale	1" = 50'
drawn by	CAF
approved by	A.B.
drawing no.	C201

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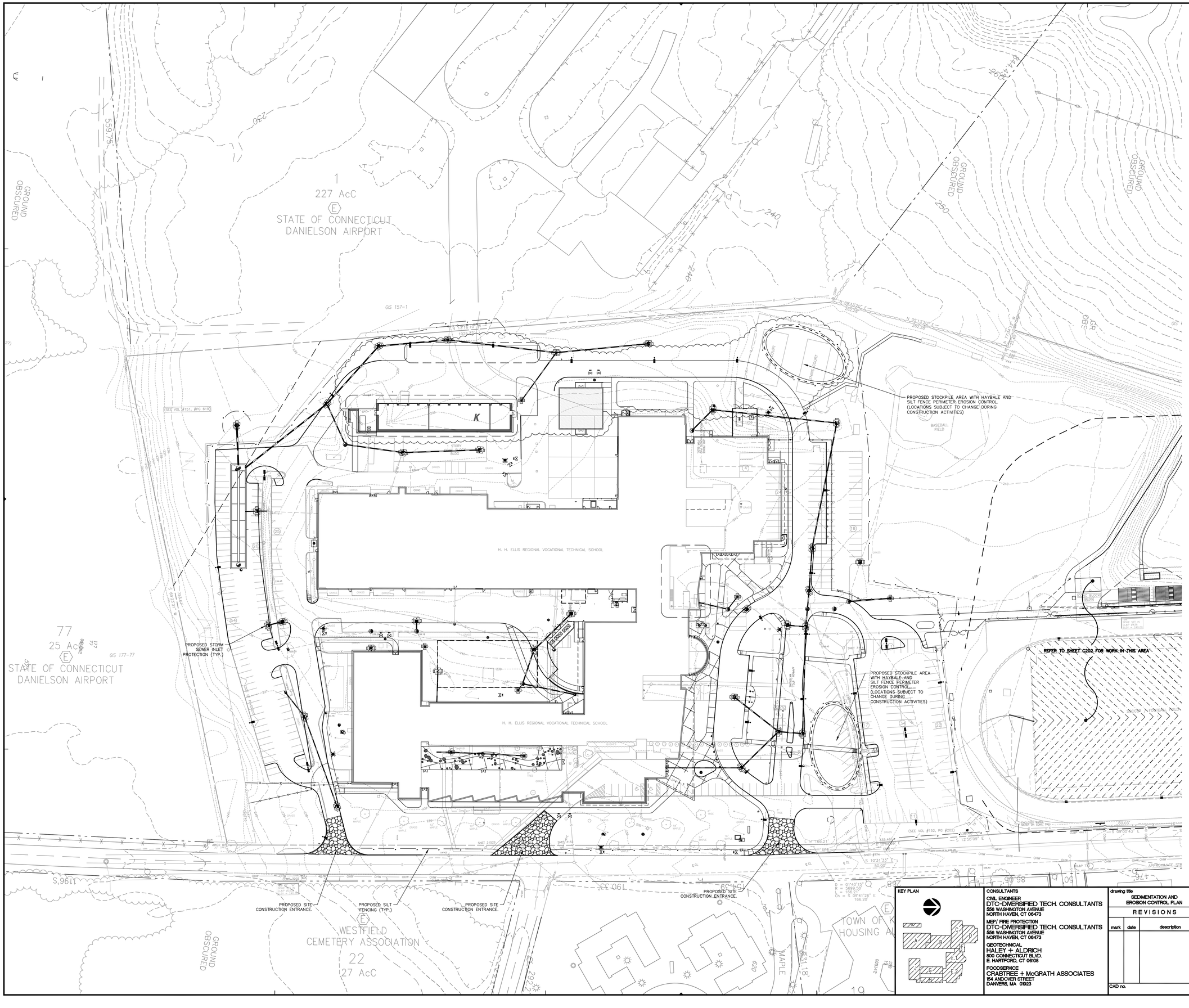

SEDIMENTATION AND EROSION CONTROL MEASURE LEGEND

- PROPOSED SILT FENCE
- PROPOSED STORM SEWER INLET PROTECTION
- PROPOSED STOCKPILE AREA WITH HAYBALE AND SILT FENCE PERIMETER EROSION CONTROL
- PROPOSED SITE CONSTRUCTION ENTRANCE

0 25 50 100
SCALE: 1"=50'

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drawing title
SEDIMENTATION AND EROSION CONTROL PLAN

REVISIONS

mark	date	description

CAD no.

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DRAWINGS PREPARED BY
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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
slam no. 04179.00

date 12/15/09
scale 1" = 50'
drawn by CAF
approved by A.B.
drawing no. C301

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R: 04327-ELLIS TECH 106-CIVIL 0-current work STMUTSE.DWG March 08, 2011 - 11:15 AM

GENERAL NOTES

1. BOUNDARY AND TOPOGRAPHIC DATA WAS OBTAINED FROM COMPUTER FILES OF A BOUNDARY AND TOPOGRAPHIC SURVEY BY KWP ASSOCIATES POMFRET CENTER, CT. DATED 7/19/06 SCALE 1"=40' ENTITLED 'TOPOGRAPHIC SURVEY, BOUNDARY SURVEY SHOIWING EXISTING CONDITIONS H.H. ELLIS VOCATIONAL TECHNICAL SCHOOL, STATE OF CONNECTICUT DEPARTMENT OF PUBLIC WORKS' ADDITIONAL OFF-SITE LOCATION AND BOUNDARY DATA WAS OBTAINED FORM TOWN OF KILLINGLY AERIAL MAPPING. THE LANDSCAPE ARCHITECT MAKES NO WARRANTY FOR INFORMATION SHOWN AS EXISTING. CONTRACTOR SHALL VERIFY CONDITIONS IN FIELD AND THEIR RELATIONSHIP TO NEW CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO COMMENCING RELATED WORK.

2. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL NOTIFY 'CALL BEFORE YOU DIG' (1-800-922-4455) IN CONNECTICUT FOR FIELD LOCATING AND CLEAR MARKING OF SUBSURFACE UTILITIES PRIOR TO ANY EXCAVATION.

3. CONTRACTOR SHALL ESTABLISH AND/OR MAINTAIN AT LEAST ONE (1) BENCHMARK ON SITE FOR VERTICAL AND HORIZONTAL REFERENCE.

4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF KILLINGLY AND ALL LOCAL, STATE AND FEDERAL REQUIREMENTS SHALL BE ADHERED TO IN THE PERFORMANCE OF THIS WORK.

5. THE CONSTRUCTION LIMITS ARE AS DEFINED IN THE SPECIFICATIONS AND AS SHOWN IN THE DRAWINGS. DRAWINGS INDICATE MINIMUM LIMITS OF DEMOLITION/PAVEMENT REMOVAL REQUIRED FOR CONSTRUCTION OF NEW IMPROVEMENTS. WORK SHALL NOT EXCEED CONTRACT LIMIT LINES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE OWNER'S REPRESENTATIVE.

6. THE ENTIRE SITE OF H.H. ELLIS TECHNICAL SCHOOL IS UNDER JURISDICTION OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION DUE TO THE ADJACENT DANIELSON AIRPORT AND RELATED RUNWAY APPROACH ZONES.
- HEIGHT RESTRICTIONS EXIST ON SITE FOR PROPOSED IMPROVEMENTS AND CONSTRUCTION EQUIPMENT (SEE SHEET L301, NOTE #6).
- ACCESS RESTRICTIONS EXIST THAT REQUIRE COORDINATION WITH D.O.T. IN THE REMOVAL AND REPLACEMENT OF EXISTING FENCING ON SOUTH AND WEST SIDES OF THIS PROPERTY.
- CONTRACTOR IS REQUIRED TO COMPLETE AND SUBMITT FAA FORM 7460 "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" AND RECIEVE NOTICE TO PROCEED PRIOR TO ANY CONSTRUCTION ACTIVIITES ON SITE.

LAYOUT NOTES:

1. COORDINATE WORK ON THIS SHEET WITH ALL DRAWINGS PERTAINING TO SITE WORK IN THE CONTRACT DOCUMENT SET. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIM OR HERSELF FAMILIAR WITH THE FULL SET OF DOCUMENTS FOR ALL SITE RELATED ITEMS.

2. LOCATION AND ALIGNMENT OF SITE IMPROVEMENTS SUCH AS FENCES, ETC. SHALL BE STAKED IN FIELD BY CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT OR CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION OF ANY AND ALL SUCH IMPROVEMENTS.

3. ALL DIMENSIONS ARE TO THE NEAREST FOOT UNLESS OTHERWISE NOTED. ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED. ALL PROPOSED RADII ARE 5' RADIUS UNLESS OTHERWISE NOTED. DIMENSIONS ARE TO THE FACE OF CURB OR WALLS AND TO CENTERLINES OF PAVEMENT MARKINGS, DOORS AND LIGHT POLES EXCEPT WHERE OTHERWISE INDICATED ON THIS PLAN.

4. ALL PAVEMENT CUTS IN CONCRETE ARE TO THE NEAREST JOINT - CONCRETE WALK PAVEMENT LIMITS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL INSTALL NEW WALK TO MATCH EXISTING TO THE GREATEST EXTENT POSSIBLE.

5. LOCATIONS OF UTILITY MANHOLES, GRATES, POLES AND OTHER UTILITIES LOCATION INFORMATION IS FOR COORDINATION PURPOSES ONLY. REFER TO SITE UTIILITY PLANS FOR COMPLETE SITE UTILITIES INFORMATION.

6. FROST PADS ARE SHOWN FOR COORDINATION ONLY. FROST PADS TO BE CONSTRUCTED AS SHOWN ON STRUCTURAL DRAWINGS.

ABBREVIATIONS

(TYP.)	TYPICAL CONDITION
EQ.	EQUAL
EJ	EXPANSION JOINT
℄	CENTER LINE
DIA.	DIAMETER
R	RADIUS
MIN.	MINIMUM
MAX	MAXIMUM

SITE LAYOUT LEGEND

Symbol	Description	Detail
	CONTRACT LIMIT LINE	
	PROPERTY LINE	
SAW CUT	SAWCUT LINE	
	CURB	
	SITE WALL	
	FENCE	
	CATCH BASIN	
	YARD DRAIN	
	DRAIN INLET	
	BOLLARD	
	LIGHT STANDARDS (SEE SITE ELECTRICAL PLANS)	
	SIGN	
	DUMPSTER (N.I.C)	
EJ	EXPANSION JOINT	
EJ-1	EXPANSION JOINT AT FROST WALL	10 / L501
CJ	CONTRACTION JOINT	
	PAINTED TRAFFIC ARROWS	
	PAINTED HANDICAP SYMBOL	
	SIGN	
ICC	INTEGRAL CONCRETE CURB	7 / L501
BCC	BITUMINOUS CONCRETE CURB	8 / L501
PCC	PRECAST CONCRETE CURB	9 / L501
1	CONCRETE WALK PAVEMENT	1 / L501
1A	COLORED CONCRETE WALK PAVEMENT	1A / L501
2	HEAVY DUTY CONCRETE PAVEMENT	2 / L501
3	BITUMINOUS WALK PAVEMENT	3 / L501
4	BITUMINOUS CONCRETE PAVEMENT	4 / L501
5	SUPPLEMENTAL BID #3 MILL EXISTING BITUM. & REPAVE	5 / L501
	STONE MAINTENANCE SURFACE	1 / L503
6	BEVEL CURB TO FLUSH IN 36"	
7	DETECTABLE WARNING STRIP	15 / L501
A	HANDICAP CURB RAMP TYPE 'A'	16 / L501
B	HANDICAP CURB RAMP TYPE 'B'	17 / L501
C	HANDICAP CURB RAMP TYPE 'C'	14 / L501
D	HANDICAP CURB RAMP TYPE 'D'	14 / L501
	PAINTED CROSSWALK	10 / L502
F	FROST PAD (SEE STRUCTURAL DWGS.)	
X	TRAFFIC SIGNAGE KEY LABEL - REFER TO SIGN SHEDULE	

1 / L201 UTILITY ENCLOSURE LAYOUT DETAIL

ADDENDUM No. 2: ENTIRE SHEET
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DANVERS, MA 01923

drawing title: SITE LAYOUT - DIMENSIONAL

REVISIONS

mark	date	description

CAD no.

STATE OF CONNECTICUT
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DRAWINGS PREPARED BY
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drawn by PEB
approved by EQR
drawing no. L201

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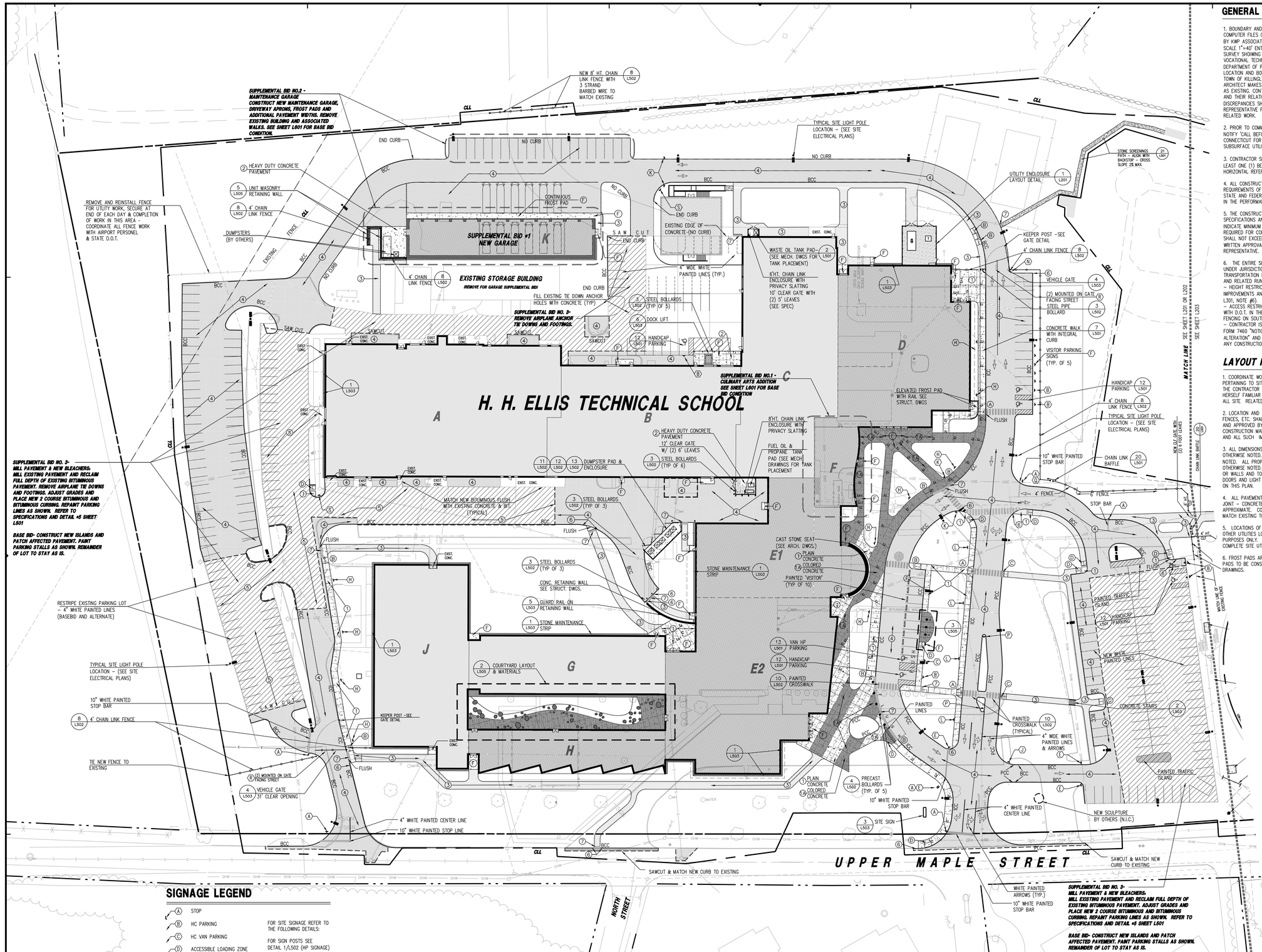

SIGNAGE LEGEND

- (A) STOP
- (B) HC PARKING
- (C) HC VAN PARKING
- (D) ACCESSIBLE LOADING ZONE
- (E) ONE-WAY DO NOT ENTER
- (F) VISTOR PARKING
- (H) NO PARKING
- (J) PARKING & STUDENT DROP OFF
- (K) BUSES ONLY 7-7:45AM 2-2:45PM
- (L) STUDENT DROP OFF & PICK UP
- (M) NO RIGHT TURN
- (N) DO NOT ENTER 7-7:45AM 2-2:45PM
- (P) KEEP RIGHT
- (Q) PARKING & STUDENT DROP OFF
- (R) DO NOT BLOCK GATE
- (S) DELIVERIES

FOR SITE SIGNAGE REFER TO THE FOLLOWING DETAILS:

FOR SIGN POSTS SEE DETAIL 1/L502 (HP SIGNAGE) & 1/L502

FOR SIGN GRAPHICS SEE DETAIL 2/L502

GENERAL NOTES

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℄	CENTER LINE
DIA.	DIAMETER
R	RADIUS
MIN.	MINIMUM
MAX	MAXIMUM

SITE LAYOUT LEGEND

- CONTRACT LIMIT LINE
- PROPERTY LINE
- SAW CUT — SAWCUT LINE
- CURB
- SITE WALL
- FENCE
- CATCH BASIN
- YARD DRAIN
- DRAIN INLET
- BOLLARD
- LIGHT STANDARDS (SEE SITE ELECTRICAL PLANS)
- SIGN
- DUMPSTER (N.I.C)
- EJ — EXPANSION JOINT
- EJ-1 — EXPANSION JOINT AT FROST WALL (10 L501)
- CJ — CONTRACTION JOINT
- PAINTED TRAFFIC ARROWS
- PAINTED HANDICAP SYMBOL
- SIGN
- ICC — INTEGRAL CONCRETE CURB (7 L501)
- BCC — BITUMINOUS CONCRETE CURB (8 L501)
- PCC — PRECAST CONCRETE CURB (9 L501)
- CONCRETE WALK PAVEMENT (1 L501)
- COLORED CONCRETE WALK PAVEMENT (1A L501)
- HEAVY DUTY CONCRETE PAVEMENT (2 L501)
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- (D) HANDICAP CURB RAMP TYPE 'D' (14 L501)
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- (F) FROST PAD (SEE STRUCTURAL DWGS.)
- (X) TRAFFIC SIGNAGE KEY LABEL - REFER TO SIGN SHEDULE

0 20 40 80
SCALE: 1"=40'

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drawing title: SITE LAYOUT - MATERIALS

REVISIONS

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CAD no.

STATE OF CONNECTICUT
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DRAWINGS PREPARED BY
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project
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state project no. BI-RT-841 stem no. 047B00

date 12/15/09
scale 1" = 40'
drawn by PEB
approved by EOR
drawing no. L202

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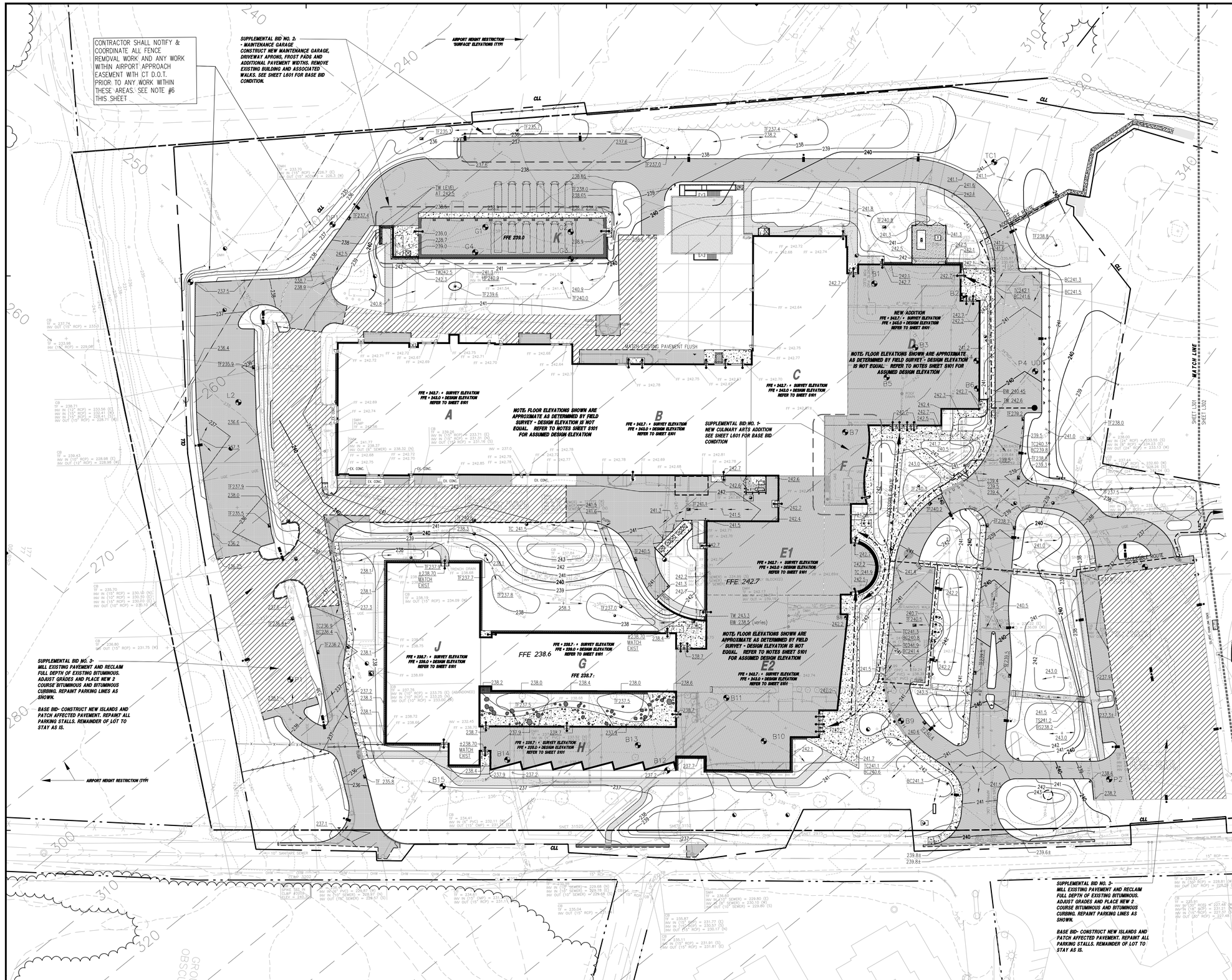

GRADING NOTES:

1. COORDINATE WORK ON THIS SHEET WITH ALL DRAWINGS PERTAINING TO SITE WORK IN THE CONTRACT DOCUMENT SET. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIM OR HERSELF FAMILIAR WITH THE FULL SET OF DOCUMENTS FOR ALL SITE RELATED ITEMS.

2. BLEND PROPOSED GRADES INTO EXISTING GRADES SMOOTHLY AND NEATLY. ALL SAWCUTS SHALL BE STRAIGHT AND CLEAN.

3. DISTURBED AREAS NOT INDICATED TO RECEIVE PAVEMENT OR OTHER TREATMENT SHALL BE SEEDED LAWN.

4. SEE SITE PLANTING PLANS FOR EXTENT AND REQUIRED DEPTH AND WIDTH OF CONTINUOUS PLANTING BEDS.

5. PRIOR TO FINAL ACCEPTANCE THE CONTRACTOR SHALL PUMP ALL ON-SITE DRAINAGE STRUCTURE SUMPS OF SILT AND DEBRIS.

6. THE ENTIRE SITE OF H.H. ELLIS TECHNICAL SCHOOL IS UNDER JURISDICTION OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION DUE TO THE ADJACENT DANIELSON AIRPORT AND RELATED RUNWAY APPROACH ZONES.
– HEIGHT RESTRICTIONS EXIST ON SITE FOR PROPOSED IMPROVEMENTS AND CONSTRUCTION EQUIPMENT (GRAPHICLLY SHOWN AS SHADED "SURFACE" CONTOUR LINES RUNNING FROM LOWER LEFT TO UPPER RIGHT ON THIS SHEET).
– ACCESS RESTRICTIONS EXIST THAT REQUIRE COORDINATION WITH D.O.T. IN THE REMOVAL AND REPLACEMENT OF EXISTING FENCING ON SOUTH AND WEST SIDES OF THIS PROPERTY.
– CONTRACTOR IS REQUIRED TO COMPLETE AND SUBMITT FAA FORM 7460 "NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION" AND RECEIVE NOTICE TO PROCEED PRIOR TO ANY CONSTRUCTION ACTIVITES ON SITE.

7. ALL ACCESSIBLE ROUTES SHOWN ON PLAN SHALL BE A MAXIMUM OF 1:12 (AT RAMPS) OR 1:20 (ALL OTHER AREAS) IN THE DIRECTION OF TRAVEL WITH A MAXIMUM OF 1:50 CROSS SLOPE.

ABBREVIATIONS

TF	TOP OF FRAME
BC	BOTTOM OF CURB
TC	TOP OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
TS	TOP OF STAIR
BS	BOTTOM OF STAIR
FLUSH	FLUSH CONDITION
HP	HIGH POINT
FFE	FINISH FLOOR ELEVATION
BFE	BASEMENT FLOOR ELEVATION
CB	CATCH BASIN
YD	YARD DRAIN
DI	DRAIN INLET

SITE GRADING LEGEND

- CONTRACT LIMIT LINE
- PROPERTY LINE
- SAW CUT
- SAWCUT LINE
- CURB
- SITE WALL
- FENCE
- CATCH BASIN
- YARD DRAIN
- DRAIN INLET
- BOLLARD
- LIGHT STANDARDS (SEE SITE ELECTRICAL PLANS)
- SIGN
- DUMPSTER (N.I.C)
- DIRECTION OF SURFACE DRAINAGE FLOW
- 618 PROPOSED INTERMEDIATE CONTOUR
- 620 PROPOSED INDEX CONTOUR
- 618.25 PROPOSED SPOT ELEVATION
- ACCESSIBLE ROUTE
- FLUSH DOOR CONDITION

0 20 40 80
SCALE: 1"=40'

ADDENDUM No. 2: ENTIRE SHEET
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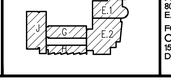
KEY PLAN



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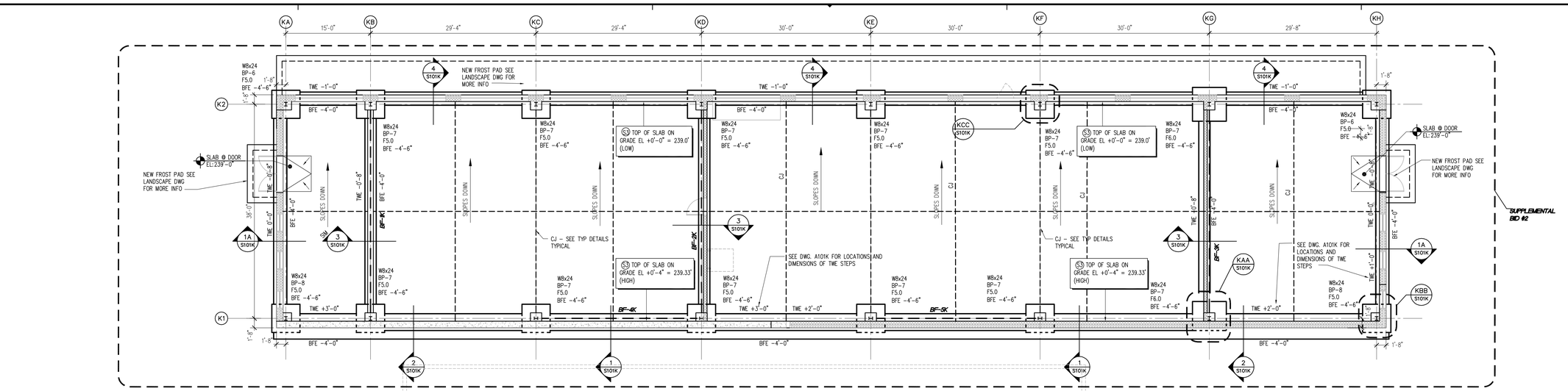
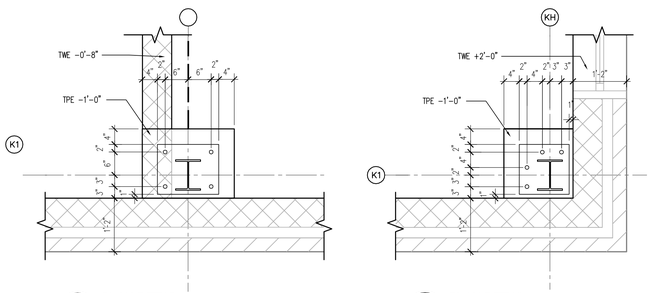
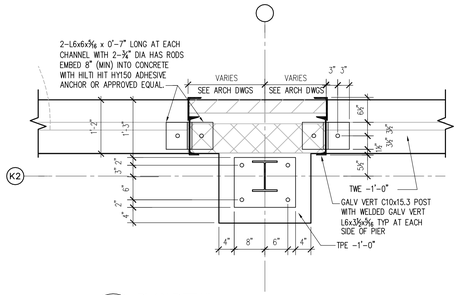


FOUNDATION PLAN
1/8" = 1'-0"



KAA PLAN DETAIL
S101K 3/4" = 1'-0"

KBB PLAN DETAIL
S101K 3/4" = 1'-0"



KCC PLAN DETAIL
S101K 3/4" = 1'-0"

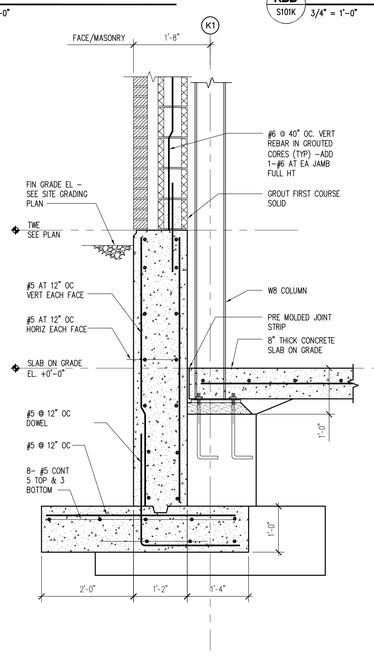
FOUNDATION PLAN NOTES:

1. ELEVATIONS AS NOTED ON PLANS CORRESPONDS TO DATUM ELEVATION 239.0'=0'-0". ALL ELEVATIONS ARE NOTED ±X'-X" FROM THAT ELEVATION.
2. TOP OF NEW PIER ELEVATION = -1'-0" UNLESS OTHERWISE NOTED.
3. TYPICAL NEW PIER TO BE P24 UNLESS OTHERWISE NOTED.
4. ⊞ INDICATES AREA OF DEPRESSED CONCRETE SLAB ON GRADE, DEPTH & EXACT LOCATION OF DEPRESSION SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
5. SEE DRAWING "S201" FOR TYPICAL DETAILS.

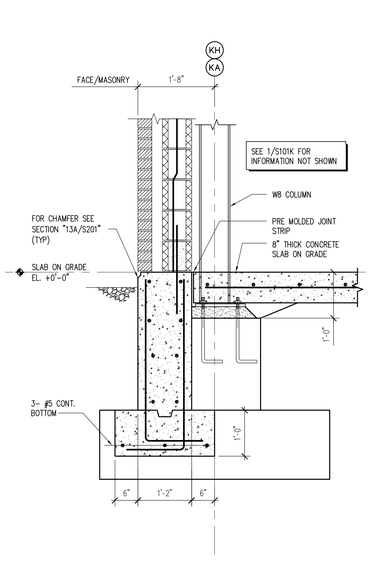
PLAN LEGEND

- NEW WALL CONSTRUCTION
- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING ITEMS TO REMAIN
- EXISTING ITEMS TO BE REMOVED
- REMOVE EXISTING CONCRETE FLOOR SLAB THIS AREA. (ALSO REFER TO PLUMBING DRAWINGS)
- NEW MASONRY CONSTRUCTION

G.C. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, QUANTITIES, ETC. IN THE FIELD PRIOR TO BEGINNING OF ANY NEW CONSTRUCTION – NOTIFY ENGINEER/ARCHITECT OF ANY DISCREPANCIES FOUND IMMEDIATELY.



1 SECTION
S101K 3/4" = 1'-0"



1A SECTION
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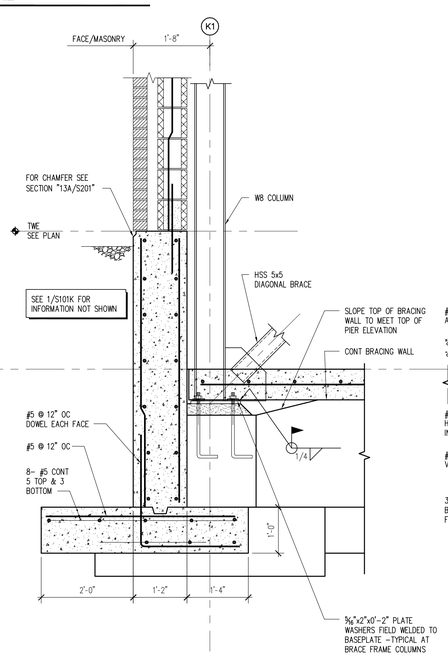
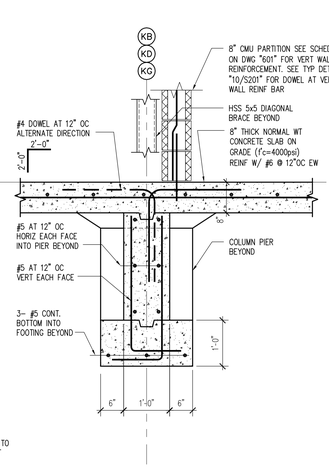
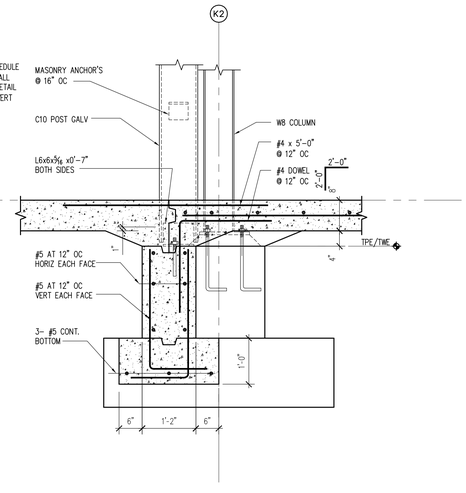


2 SECTION
S101K 3/4" = 1'-0"



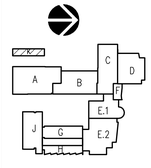
3 SECTION
S101K 3/4" = 1'-0"



4 SECTION
S101K 3/4" = 1'-0"

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11
BID DOCUMENTS 12/15/09

KEY PLAN



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drawing title
GARAGE FOUNDATION PLAN AND SECTIONS PART K

REVISIONS

mark	date	description
	3/30/11	ADDENDUM #2

CAD no.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

DRAWINGS PREPARED BY
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Telephone 860 657-8077 Fax 860 657-3346

date 12/15/09
scale 1/8"= 1'-0"
drawn by JB/FB
approved by LER
drawing no. S101K

project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
stam no. 0407900

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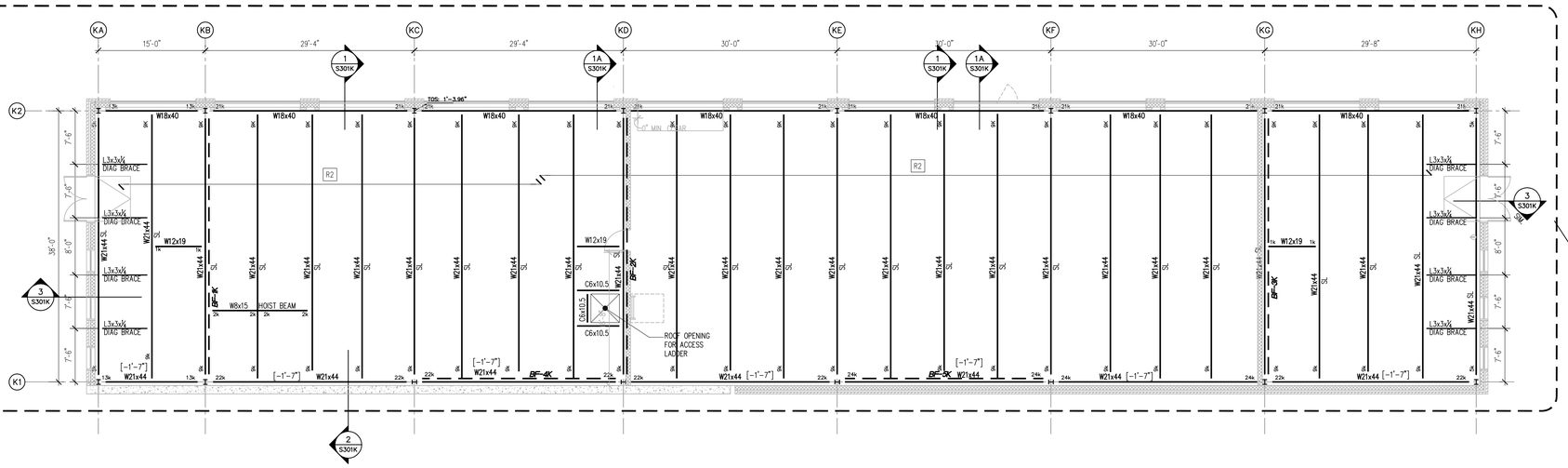
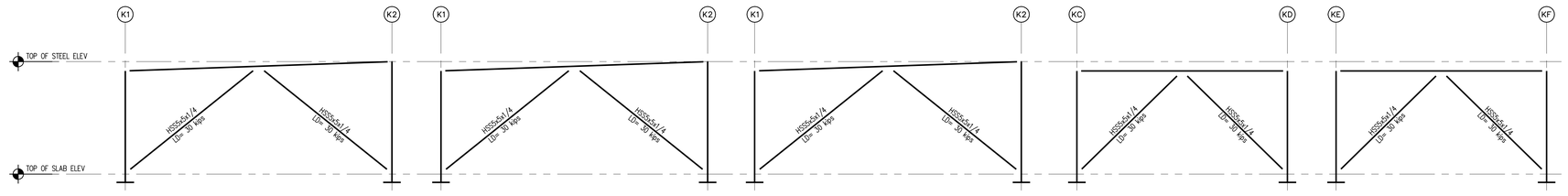




BRACED FRAME BF-1K 1/8" = 1'-0" ALONG COL LINE KB

BRACED FRAME BF-2K 1/8" = 1'-0" ALONG COL LINE KD

BRACED FRAME BF-3K 1/8" = 1'-0" ALONG COL LINE KG

BRACED FRAME BF-4K 1/8" = 1'-0" ALONG COL LINE K1

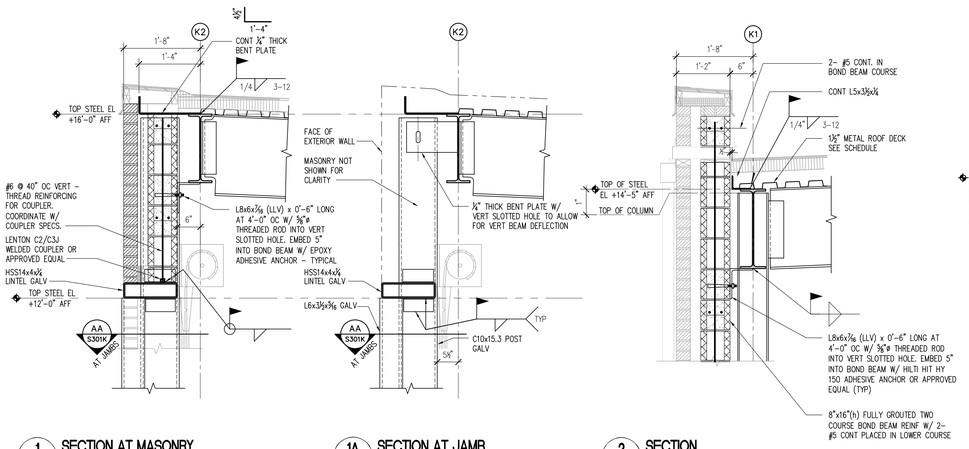
BRACED FRAME BF-5K 1/8" = 1'-0" ALONG COL LINE K1

ROOF FRAMING PLAN NOTES:

1. TOP OF NEW STEEL REFERENCE ELEVATION IS +16'-0" FROM DATUM INDICATED ON FOUNDATION PLAN, UNLESS NOTED [±Y-Y"] INDICATING DISTANCE ABOVE OR BELOW REFERENCE ELEVATION.
2. ALL BEAMS ARE SPACED EVENLY BETWEEN COLUMN LINES UNLESS NOTED.
3. SEE DRAWING "S401" FOR TYPICAL FRAMING DETAILS.
4. REFER DRAWING "S001" FOR GENERAL NOTES & ABBREVIATIONS AND REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. R2 — INDICATES 1½" DEEP, 18 GAGE GALVANIZED TYPE "B" METAL ROOF DECK. FASTENED TO THE STRUCTURAL STEEL WITH ¾" DIA PUDDLE WELDS AT 36/5 FASTENING PATTERN. FASTEN DECK TO GIRDERS WITH ¾" DIA PUDDLE WELDS AT 9" OC MAX. SIDELAPS SHALL BE FASTENED WITH #10 TEK SCREWS – (2) PER SPAN MINIMUM.

PLAN LEGEND

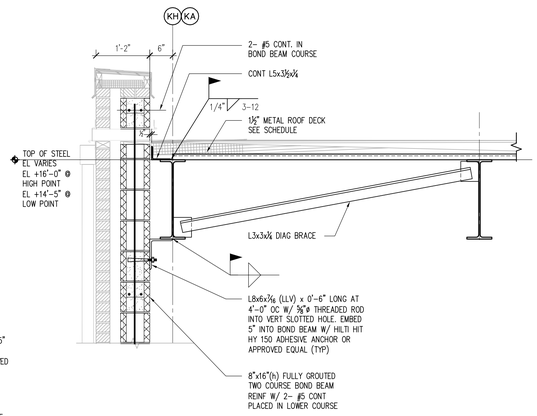
- NEW WALL CONSTRUCTION
- EXISTING WALL CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- EXISTING ITEMS TO REMAIN
- EXISTING ITEMS TO BE REMOVED
- REMOVE EXISTING CONCRETE FLOOR SLAB THIS AREA. (ALSO REFER TO PLUMBING DRAWINGS)
- NEW MASONRY CONSTRUCTION



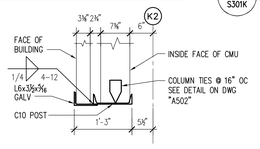
1 SECTION AT MASONRY S301K 3/4" = 1'-0"

1A SECTION AT JAMB S301K 3/4" = 1'-0"

2 SECTION S301K 3/4" = 1'-0"



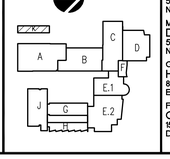
3 SECTION S301K 3/4" = 1'-0"



AA SECTION S301K 3/4" = 1'-0"

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11
BID DOCUMENTS 12/15/09

KEY PLAN



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drawing title: GARAGE ROOF FRAMING PLAN AND SECTIONS PART K

REVISIONS

mark	date	description
	3/30/11	ADDENDUM #2

CAD no.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

DRAWINGS PREPARED BY
The SILAM Collaborative
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Telephone 860 657-8077 Fax 860 657-3346

date: 12/15/09
scale: 1/8"= 1'-0"
drawn by: JB/FB
approved by: LER
drawing no.: S301K

project: ADDITIONS + RENOVATIONS to H.H. ELLIS TECHNICAL HIGH SCHOOL DANIELSON, CT

state project no.: BI-RT-841
stam no.: 0417900

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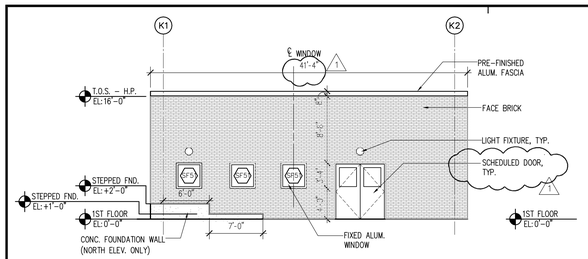
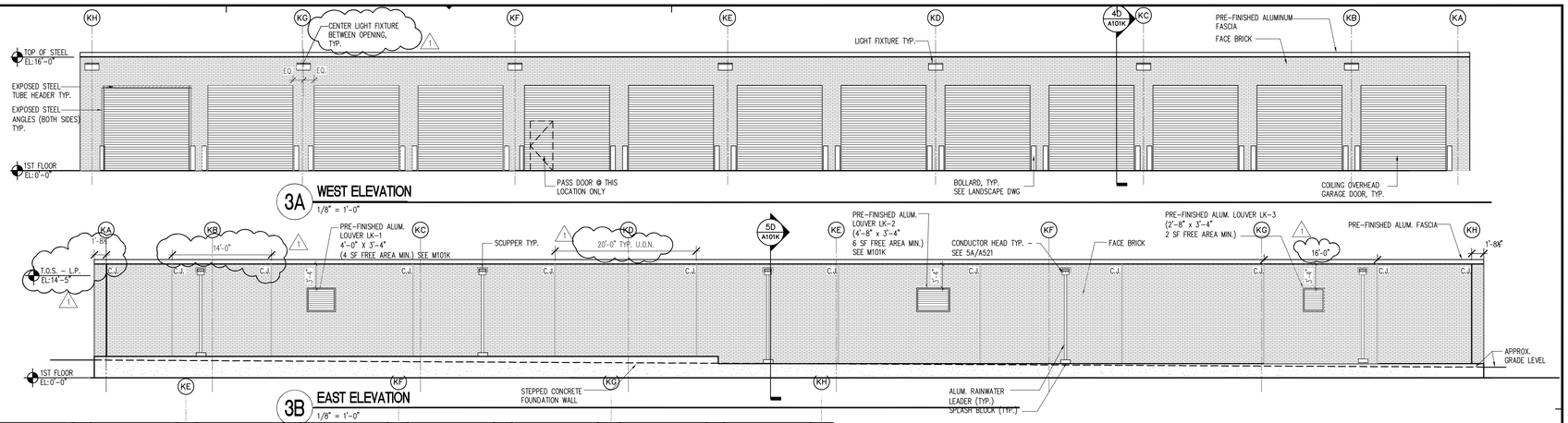
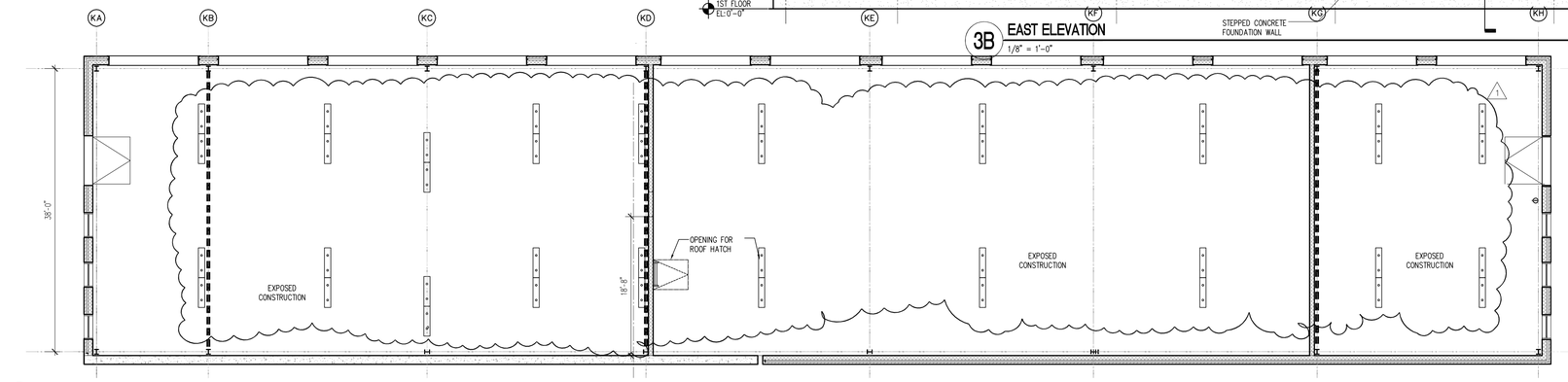


1A NORTH ELEVATION
(SOUTH ELEVATION - OPPO.)
1/8" = 1'-0"

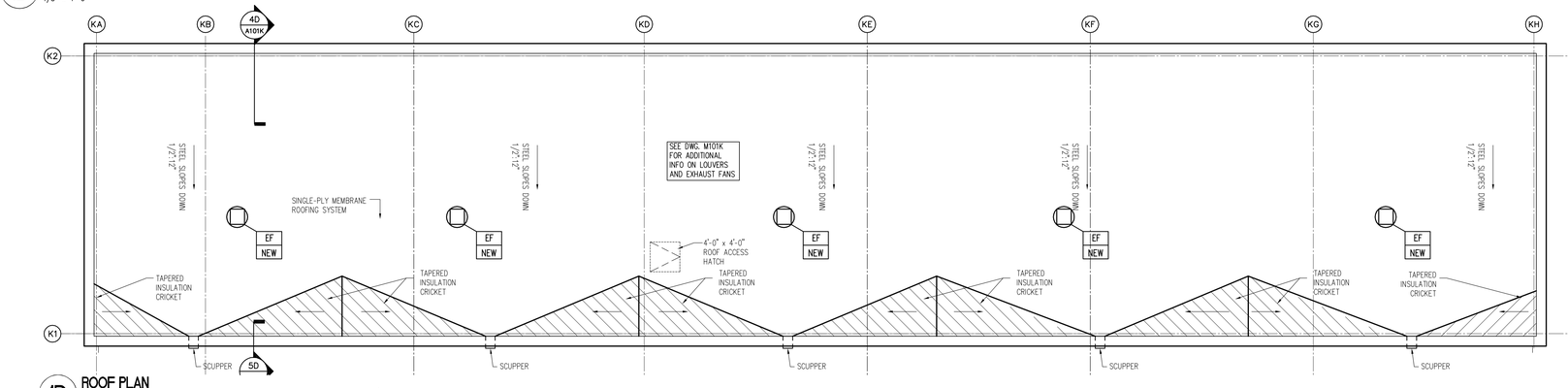


3A WEST ELEVATION
1/8" = 1'-0"

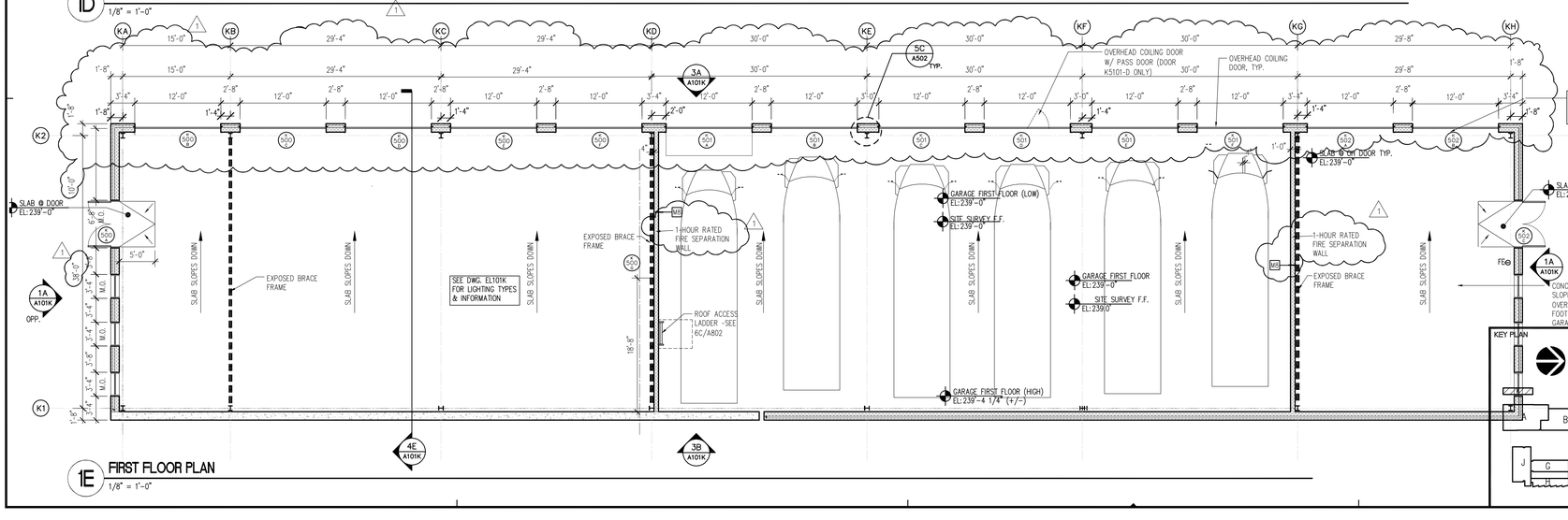
3B EAST ELEVATION
1/8" = 1'-0"



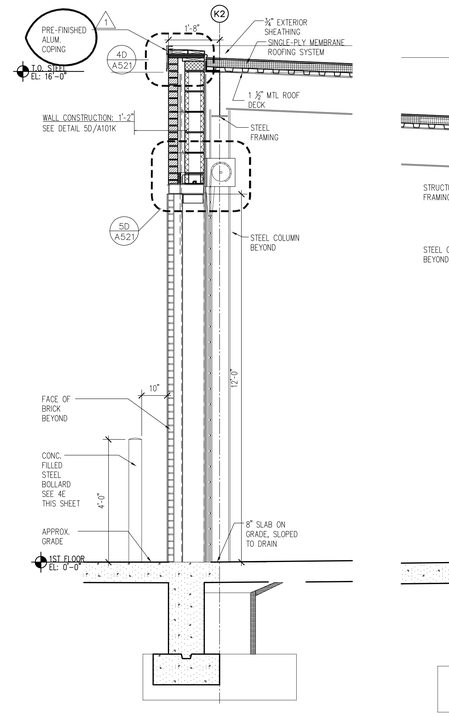
1B REFLECTED CEILING PLAN
1/8" = 1'-0"



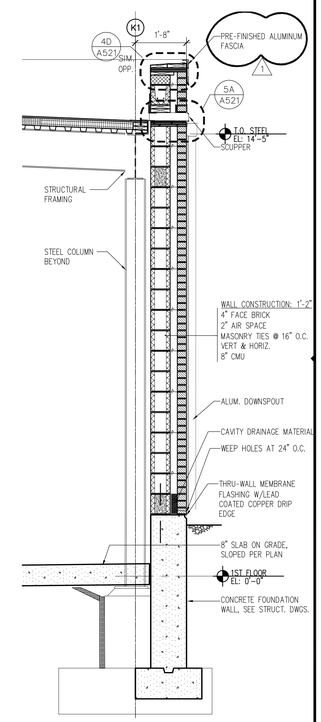
1D ROOF PLAN
1/8" = 1'-0"



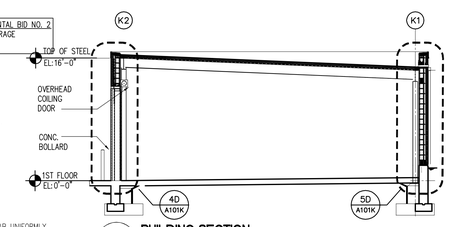
1E FIRST FLOOR PLAN
1/8" = 1'-0"



4D SECTION @ O.H. DOOR
1/2"=1'-0"



5D TYP. WALL SECTION
1/2"=1'-0"



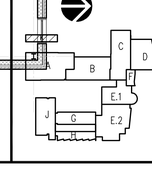
4E BUILDING SECTION
1/8" = 1'-0"

NOTE:
ALL WORK ASSOCIATED WITH GARAGE SHALL BE INCLUDED AS SUPPLEMENTAL BID #2

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11

BID DOCUMENTS 12/15/09

KEY PLAN



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drawing title: GARAGE PLAN AND ELEVATIONS- SUPPLEMENTAL BID #2

REVISIONS

mark	date	description
1	03/30/11	ADDENDUM NO. 2

CAD no.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC WORKS

DRAWINGS PREPARED BY
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date: 12/15/09
scale: 1/8"= 1'-0"
drawn by: HHV
approved by: HHV
drawing no.: A101K

project: ADDITIONS + RENOVATIONS to H.H. ELLIS TECHNICAL HIGH SCHOOL DANIELSON, CT

state project no.: BI-RT-841
stam no.: 0407B-00

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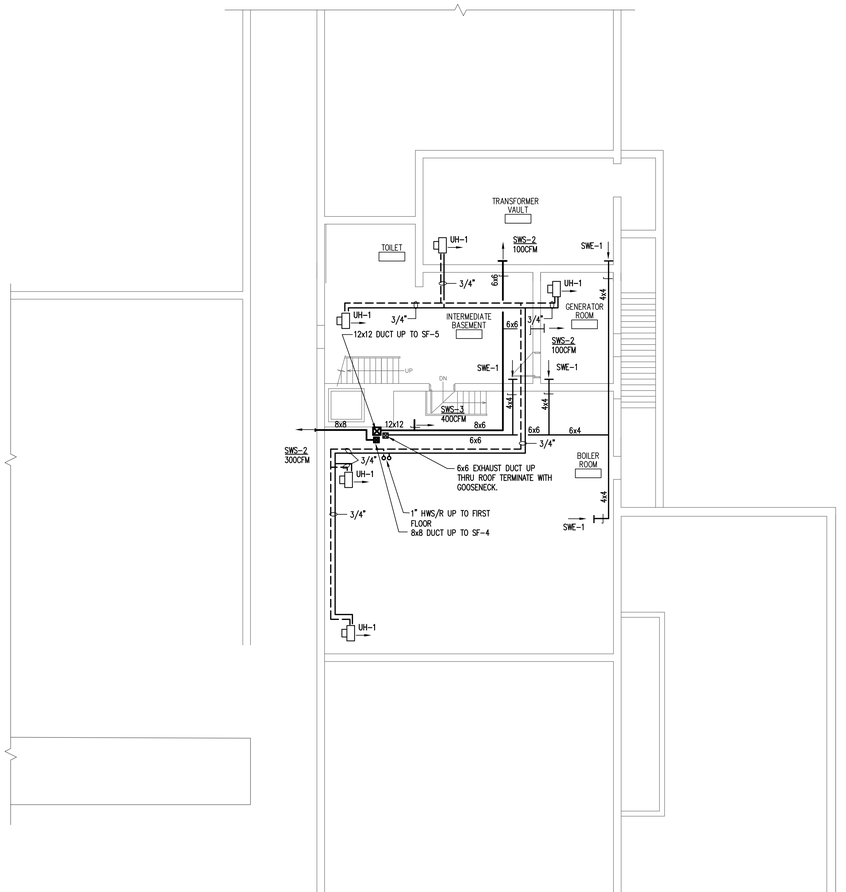

1 BASEMENT PLAN - HVAC
1/8" = 1'-0"

SEE PHASING DRAWINGS GP SERIES FOR ADDITIONAL HVAC WORK.

ADDENDUM No. 3: NEW SHEET

KEY PLAN

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drawing title
BASEMENT PLAN - HVAC

REVISIONS

mark	date	description

CAD no.

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project
ADDITIONS + RENOVATIONS to
H.H. ELLIS TECHNICAL HIGH SCHOOL
DANIELSON, CT

state project no. BI-RT-841
slam no. 04179.00

date JULY 25, 2011
scale AS NOTED
drawn by MT
approved by HK
drawing no. M100

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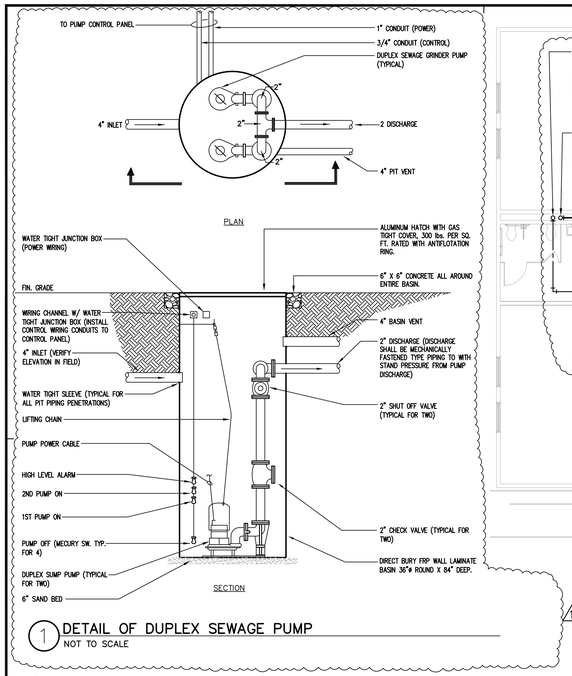


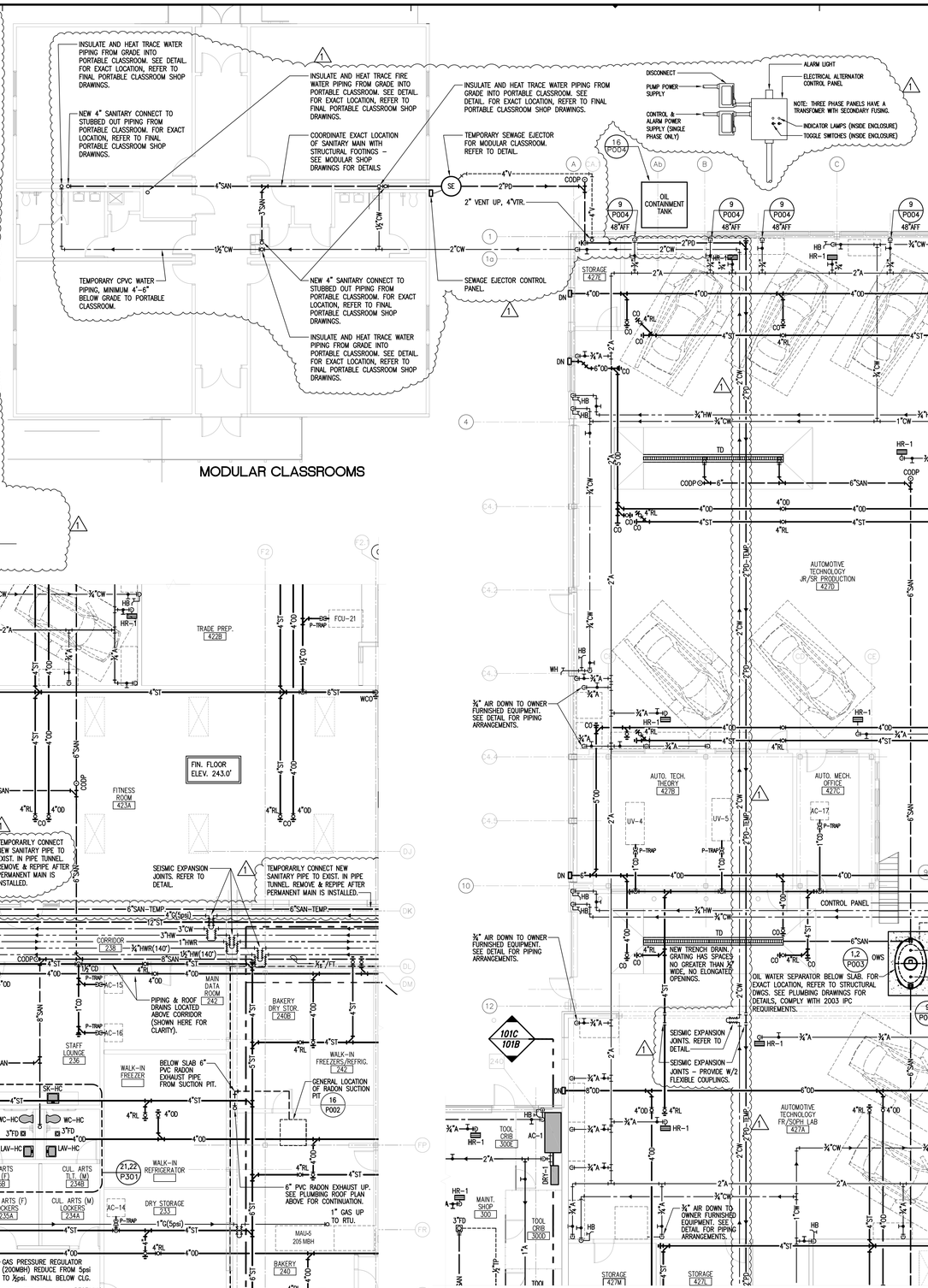
1 DETAIL OF DUPLEX SEWAGE PUMP
NOT TO SCALE

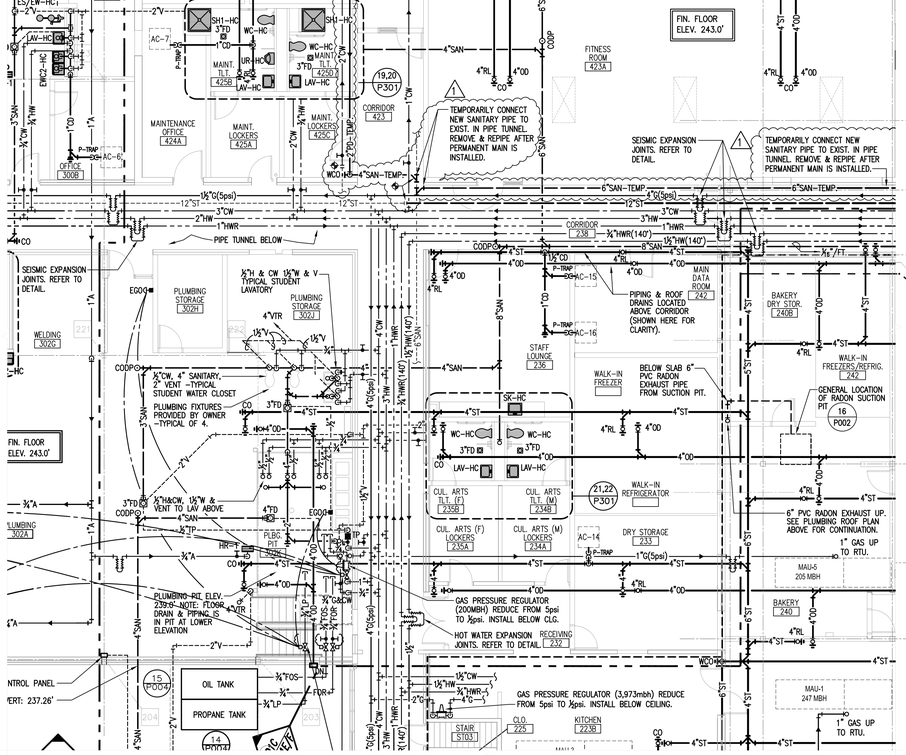
PUMP SCHEDULE

SYMBOL	MANUFACTURER/ MODEL NUMBER	TYPE	LOCATION	SYSTEM SERVED	CAPACITY GPM	CAPACITY FT OF HEAD	FLUID TEMP (degF)	ELEC.DATA HP– VOLT–PH	REMARKS
SE–1	ZOELLER 6292	DUPLEX FLOOR MOUNTED VERTICAL DISCHARGE	EXTERIOR	PORTABLE CLASSROOM	30	35	100	.5/120/1ø 120V/1ø TO CONTROL PANEL	①②③④⑤

1. DUPLEX PUMP STATION 2. RAIL SYSTEM, VARIABLE LEVEL FLOAT SWITCH; ZOELLER #10–0743, STAINLESS STEEL LIFTING CABLES, AND CHECK VALVES; ZOELLER 10–1045X. NEMA 4X, DUPLEX CONTROL PANEL 120V, 1 PHASE ZOELLER #10–1106 4. SEE DETAILS FOR ADDITIONAL ACCESSORIES SUCH AS CONTROL PANEL, VALVES, BASIN ETC., 5. DUPLEX POLYPROPYLENE BASIN

MODULAR CLASSROOMS





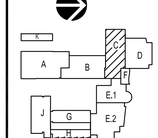
1 FIRST FLOOR PLAN – PART C (EAST)
1/8" = 1'–0"

2 FIRST FLOOR PLAN – PART C (WEST)
1/8" = 1'–0"

3 MEZZANINE PLAN – OVER TEAM ROOMS
1/8" = 1'–0"

ADDENDUM No. 2: ENTIRE SHEET REISSUED 03/30/11
BID DOCUMENTS 12/15/09

KEY PLAN



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drawing title: FIRST FLOOR PLUMBING PLAN – PART C

REVISIONS

mark	date	description

CAD no.

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DEPARTMENT OF PUBLIC WORKS

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project: ADDITIONS + RENOVATIONS to H.H. ELLIS TECHNICAL HIGH SCHOOL DANIELSON, CT

date	12/15/09
scale	1/8"= 1'–0"
drawn by	JES
approved by	AM
drawing no.	P101C
state project no.	BI–HT–841
stam no.	047900

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